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1924 Catalog

Nursery, Fruit & Farm Seed

W. N. Scarff & Sons


New Carlisle, Ohio.

1400 ACRES



La France
Red Raspberry

35¢ EACH
\$ 3.00 PER DOZ.



Honey Sweet
Raspberry

15¢ EACH \$ 1.50 PER DOZ.



Macatawa Blackberry

20¢ EACH
\$ 2.00 PER DOZ.



Overbearing
Strawberries

75¢ PER DOZ.
\$ 2.00 PER 100

The New Washington Asparagus

This new variety of Asparagus is said to be rust proof and has been developed by the Bureau of Plant Industry, Washington, D. C. in co-operation with the Massachusetts Agricultural Experiment Station and other careful growers throughout the country. It is now being offered for sale to the public and it is thought that it will gain general favor wherever it is planted. Our seed was procured from a reliable source and cost us \$5.00 per pound while seed of ordinary Asparagus could have been purchased for fifty cents per pound. Washington is a vigorous high yielding strain of Giant Asparagus and a most profitable crop to grow for market. As a variety for the home garden it has no equal. When once planted Asparagus will last a life time. There is a case on record of an Asparagus bed that is actually more than 100 years old and still yielding good crops. No other vegetable can take the place of Asparagus. It is ready to cut for the table so early in season and continues over a long period of time. It is nutritious and healthy being rich in vitamins so essential to good health. If you already grow Asparagus then add this new and wonderful variety to your collection. If you do not have a bed of it growing then do not let another year go by without planting. It is a real health builder and a most delicious and pleasing dish for the table at all times. Any surplus may be canned and eaten at will throughout the year. We are offering the roots very low so all may get a start at once. Price, 75 cents per Doz., Postpaid; \$2.50 per 100; \$20.00 per 1,000.

A deep, rich soil is indispensable to secure large, heavy, stalks. Plant in rows three feet apart, with the plant one foot distant. Set so that the crowns are about an inch below the surface. Top-dress annually in the fall with stable manure and fork under in the spring.

Columbian Mammoth White

retain their purity and color until several inches above the surface. Price, 75 cents per dozen, postpaid; \$2.00 per 100; \$12.00 per 1,000 by express or freight.

A distinct variety of mammoth size, great yield, and superior quality; remarkable for the clear whiteness of its stalks.

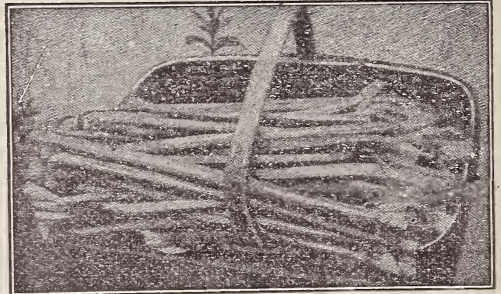
varieties GIANT ARGENTEUIL, PALMETTO, CONOVER'S COLOSSAL AND BARR'S MAMMOTH. The standard market sorts, all green and tender. Price 75 cents per dozen, postpaid; \$2.00 per 100; \$12.00 per 1,000; by express or freight.

CHOICE RHUBARB

COLORLED LEAFLET ON RHUBARB
CULTURE FREE

People are just beginning to realize the great profit in the culture of Rhubarb in the open field, also as a forcing crop for winter. It yields enormous profits. Anyone can succeed, as the culture is very simple.

Linnaeus Large, early, tender and fine. The very best of all. 20 cents each; \$2.00 per dozen, postpaid; \$8.00 per 100.



Linnaeus Rhubarb

Queen Strong, vigorous grower, producing extra large stalks of finest quality, of a decided pink color. For canning or cooking in any way its quality is unsurpassed. Price of good roots, 20 cents each; \$20.00 per dozen, postpaid; \$8.00 per 100.



Horseradish

MALINERKREN HORSERADISH

This new variety makes an enormous yield and is so early that it can be marketed before the common kind is ready; besides the roots are much larger and whiter. The roots sell in market at 5 to 10 cents per pound, and yield as high as 8,000 pounds per acre. It requires about 10,000 sets for an acre, and the crop is ready for the market the first year. It is easy to grow; every plant will live. Net profit, \$300.00 to \$600.00 per acre. Try at least 1,000 sets if you cannot plant an acre. It is ready sale in any of the large cities. Price of good roots, 75 cents per dozen, postpaid; \$20.00 per 100, by express; \$15.00 per 1,000.

Common Horseradish This useful condiment is easily grown, and prefers a rich, moist loam. Price, 50 cents per dozen; \$1.50 per 100; \$12.00 per 1,000.

HOLT'S MAMMOTH SAGE

Plants of strong growth, of unusual substance, strong flavor and of superior quality. Prefers a rich, moist loam. Price, 10 cents each, \$1.00 per dozen, postpaid. Large clumps by express, not prepaid, same price.



A Greeting to Our Friends

Thirty years ago our first nursery catalog was issued. It did not contain a great number of items or a large list of varieties, but it found its way into a few thousand homes and made many friends whose orders resulted in as many satisfied customers. Since that time our catalogs have been annually mailed to a larger number of homes until at present our great host of friends and patrons is far greater than had ever been our anticipation. So it is to these friends and patrons that we take this opportunity of expressing our gratitude and appreciation of your confidence and patronage in the past, and of extending to you our best wishes for your future prosperity.

At the time of publication of this first catalog Horticulture here in the Middle West was just in its prime of development. Many new varieties were being originated each year, some of them of great economic value but many of them worthless. After very rigid testing only a few of the very best of those were selected and listed in the succeeding issues of our catalog. Many of the good old varieties have "run out" and a number of new strains have taken their place. All of these changes have been carefully balanced in selecting our stock so that in this 1924 Year Book you will find listed only those old varieties that have stood the test and the newer ones which we firmly believe will be more profitable to you than the present standard varieties. In this latter class will fall such varieties as the Macatawa Blackberry, better because it is more productive of large, sweet, jet-black fruit; the Victory and Latham Red Raspberries, harder than the standard varieties and fully as productive, and the Ensee Apple because of its higher color, better quality and adaptability.

Developed along with the growing of small fruit plants has been the propagating of hedge and ornamental plants for the beautification of the home and home surroundings. Our increase in farm land, which now comprises over 1400 acres, has enabled us to grow and offer to the public the finest strains of farm seed.

The past year has shown a great increase in the number of pure-bred live stock on our farms. The Hampshire Hogs have proven very prolific and we now have over 1000 head of remarkably fine individuals. All of the grade sheep have been disposed of so that our flocks now consist of 100 all pure-bred and registered Hampshire Down strain. Besides the three Holstein dairies, forty-three registered Ayrshire cattle have been purchased, as a nucleus for the fourth dairy farm.

During the past season our apple orchard, which is now about fifteen years old, produced 10,000 bushels of exceedingly fine apples. The trees are growing under the sod mulch system and regardless of our very dry summer the fruit produced was above the average in size and exceptionally well colored.

It is amazing to know the number of people who are making big money growing small fruits for their local markets. This is especially true in those sections which are not fruit centers, as it is there that the fresh berries demand the highest prices. Berries are not difficult to grow as many people believe. Give them the average care that you would your corn crop and you will surely reap very profitable returns.

How many farmers are planting old strains of seeds that are practically "run out"? They are scarcely making a living, and many of them are selling their farms because they are not profitable. It is the farmer who plants good strains of selected seeds who is securing the largest yields per acre and is making a good living wage. The seeds we are offering in this and in our "Special Farm Seed Catalog" are carefully selected and the very best that can be grown. Their high purity and vitality tests are guaranteed. We invite you to send for samples of the seeds in which you are interested.

"It Is Not a Home Until It's Planted."


How remarkable is the improvement in the looks of the home that a few well-placed shrubs will make when planted around the porch, foundation or in the border of the lawn. A good hedge will add refinement and take the place of that unsightly fence.

The list of shrubbery and hedge plants we are offering contains only those reliable, hardy and strong growing varieties that are certain to produce an abundance of growth and bloom with the average care. If you are in doubt regarding the kinds of shrubbery to use we will be glad to mail you our special Landscape Catalog to aid you in making your selection.

ROSES—SYMBOL OF BEAUTY

These perfect clear waxen flowers with their delicate shades of color are unexcelled.

See page 25 for description and varieties.



Fall Bearing Strawberries

Much has been written in the past few years about Fall-bearing Strawberries. To accommodate our customers we are growing the most productive varieties and can supply good strong plants. These varieties are very productive and will bear luscious fruit until killed by frost in October. For best results keep all bloom picked off in spring and do not allow them to bear regular crop in June. Our varieties are the best and most productive for the home garden and for commercial growers.

PROGRESSIVE

EVERBEARING STRAWBERRY

This valuable Everbearing Strawberry is one of the best of its class. Our improved strain is certainly a great cropper and a sure bearer of luscious fruit. It has never failed to produce an abundant fall crop on our grounds. The plant closely resembles Dunlap, it is slender, long rooted and a very thrifty grower; foliage is ample, free from disease and a beautiful rich green. The berries of the Progressive are of excellent quality, delicious flavor and beautiful color. They can not be surpassed for home use, being equally delicious if eaten fresh or after canning. Many of our customers are growing Progressive for market, and they are making big money as the fruit sells readily at big prices. The fall-bearing strawberries have a fine flavor far surpassing that of the standard sorts. They are sweet, mellow and aromatic, a flavor you can enjoy from June until early winter frosts. Price, good plants, 75c per doz., postpaid; \$2.00 per 100; \$15.00 per 1000, by express.

CHAMPION

NEW EVERBEARING STRAWBERRY

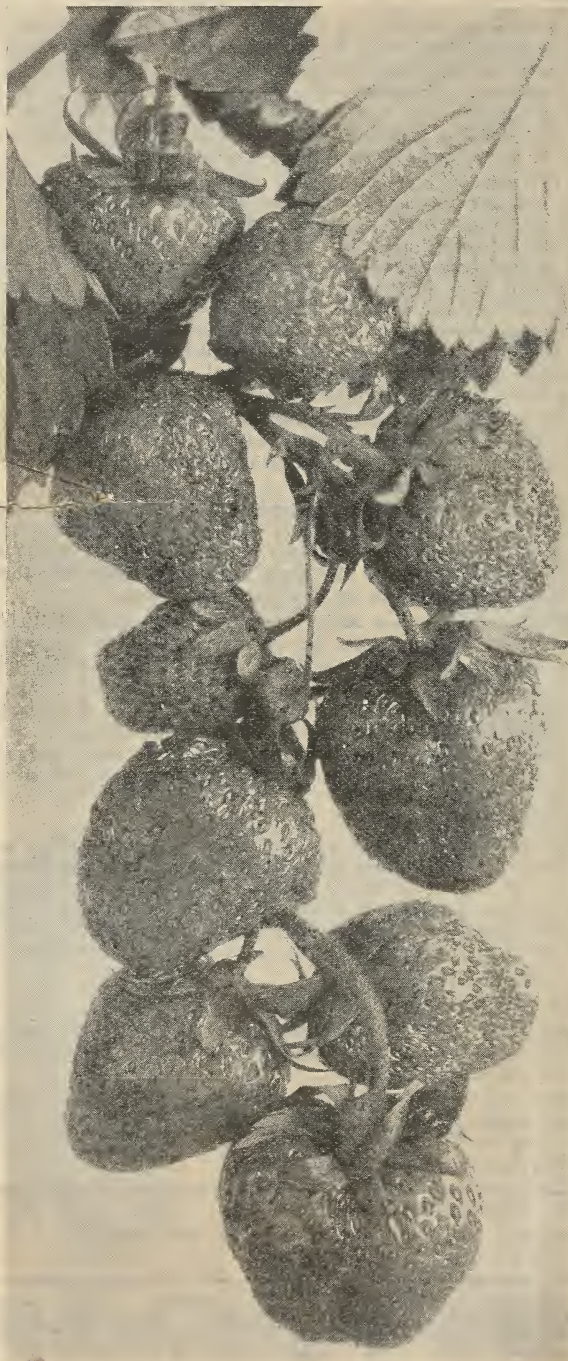
Growers state that the new Champion is the best everbearer they have ever grown.

Mr. E. L. Lubke, of Michigan, introduced this variety after four or five years of thorough testing, and since its introduction the Champion has quickly gained popularity in many states. The new Champion will produce a good crop the first season it is set. The next year it will produce an abundant spring crop followed by a continuous setting of fruit throughout the season. Commercial growers are planting the Champion as it is superior to the spring varieties in that it is a sure cropper. If the first set of bloom is killed by the frost, new blossoms will form and produce a heavy setting of fruit; whereas, such a freeze to a spring variety means a total loss for the year.

Description. The Champion is a true everbearer, producing fruit on both the old and the new plants. It somewhat resembles the Progressive but it is a much heavier cropper, stronger grower, better plant maker and the fruit is even of higher quality. After careful investigation, we strongly recommend the Champion for either commercial or garden planting. Price, \$1.00 per doz., postpaid; \$3.00 per 100; \$20.00 per 1000.

SUPERB

As a fall cropper, it yields fruit only on the parent plants. The berries are a rich blood-red from surface to center. As a June cropper it yields enormously on the same plants. It is a rare treat to go to the strawberry patch and gather luscious fruit during the months of September and October. These fall-bearing sorts of strawberries, together with the St. Regis red raspberry, should be in every fruit grower's and farmer's garden, and even the city and village dweller can grow fine fruit and get plenty of good fun growing these valuable new and wonderful berries. Price, 75c per doz., postpaid; \$2.00 per 100; \$15.00 per 1000.



CHAMPION EVERBEARER



The Chesapeake (Per.)

It is acknowledged to be one of the finest flavored berries of the strawberry family, and if quality is considered, you will make no mistake in planting largely of Chesapeake. Quality, however, is but one of its good traits, for it is one of the largest and most prolific varieties grown.

The color is a dark red, resembling the Marshall. It begins ripening a few days ahead of the Gandy and continues to bear abundantly as long as this variety, yielding, in many cases as much again as this old-time favorite.

The plant growth of the Chesapeake is strong and all that could be desired. It makes immense plants with good strong fruit buds. The leaves are large, almost round, and protect the bloom and fruit from the frost and weather. It has never been known to rust, and the foliage is particularly clean and glossy. Blooms are perfect and it is not necessary to pollinize with any other variety.

The fruit is uniformly large and well-shaped, firm enough to ship to distant markets. It colors all over nicely so there are no green tips to disfigure it. When crated ready for market it presents a very striking appearance, always brings a fancy price.

If you do not have this variety in your collection, we advise you to plant, at least, a few thousand, and you will be enthusiastic with the results. Our plants are pure, all from new beds and first-class in every respect. Price, 50c doz., postpaid; \$1.50 per 100; \$10.00 per 1000, by express, not prepaid.

Charles I. (Per.) The Earliest Strawberry Grown

The big profits in Strawberry growing are generally made at the start of the season before the market is overstocked.

CHARLES I. (Per.) Ripens nearly a week before Michael's Early and is very productive, yielding more quarts of large, fine looking berries than any other variety.

It is not often that you find so many good points in a single berry as in Charles I. No doubt this will become the leading early berry, as it has been thoroughly tested out on the extensive berry fields of Michigan, where it originated five years ago. Our stock is fine and true to name. Price, 50c per doz., postpaid; \$1.00 per 100, by express; \$8.00 per 1000.

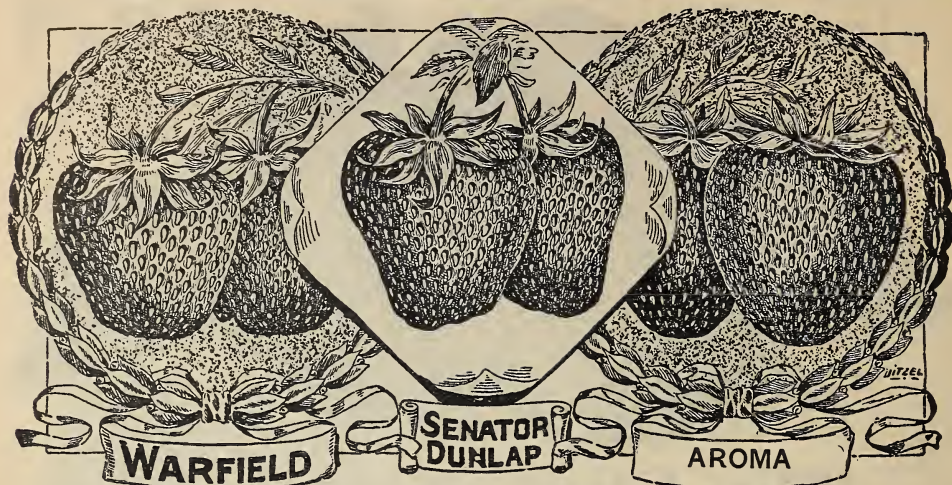
TENNESSEE (Per.) This variety has given great satisfaction wherever planted. It ripens about the same season as Dunlap and somewhat resembles that variety in appearance, except that it is larger, deeper color and excellent flavor. It is a heavy producer and should be found in both the home garden and commercial plantings. Thrives well on quite light, dry soil. Price, 50c per doz.; \$1.00 per 100; \$8.00 per 1000.

SAMPLE (Per.) Large size and fine quality, quite firm; continues a long time in fruit. The berries are large to the last. For the market man it is the best strawberry ever grown. It will yield as many berries as Haverland, and will average as large as Bubach. Colors all over at once. A berry that will do what is claimed for it. It is the best one found yet. There is no weak spot in it. Foliage perfect. "Needs no petting." Price, 50c per doz.; \$1.00 per 100; \$8.00 per 1000.

CORSICAN (Per.) A distinct new variety of value for market and home gardens. The fruit is dark crimson color, rich, and delicious flavor, large size and quite firm. The foliage is perfectly healthy, making large plants that will protect the fruit from sun and rain. It is a good grower, making the right number of plants and an enormous yield of the finest, largest berries imaginable. Our customers are highly pleased with this great berry. Corsican is a wonderful berry. It is a great pleasure and very profitable to haul the largest berries that go to the market. That kind always sells and at the very top price. Corsican is not only big, it is a beautiful color, a great yielder, a good foliage to resist disease and drought and even weeds and neglect, but such a variety as Corsican should not be neglected, if possible. Do you want big berries? Then plant Corsican. Price, 50c per doz., postpaid; \$1.00 per 100; \$8.00 per 1000.

NEW CATALOG OF LANDSCAPE GARDENING

WE HAVE ISSUED A VERY FINE CATALOG ON LANDSCAPE GARDENING AND WHAT TO PLANT. IT IS WELL WRITTEN AND FINELY ILLUSTRATED, AND WILL BE OF GREAT VALUE TO THE PLANTER AND OWNERS OF FINE ESTATES. SENT FREE TO PERSONS INTERESTED IN ORNAMENTAL PLANTING. WE ALSO GIVE FREE TO EACH CUSTOMER A BOOK ON TRANSPLANTING AND CARE OF TREES, SHRUBS, ETC. IT IS A VALUABLE TREATISE.



WARFIELD (Imp.) The plant is a very vigorous grower, exceedingly productive, bears picking daily. The berries are of good quality, dark color, medium size, firm, regular in size, sub-acid. A very profitable berry for nearby or distant market. Season early. Price, 50c per doz.; \$1.00 per 100; \$8.00 per 1000.

SENATOR DUNLAP (Per.) A well-tested, wonderfully productive variety, one of the safe sorts to plant everywhere and sure to take a high place among the prominent standard sorts. Plant resembles Warfield, rampant runner, should be restricted in its production of plants; fully equal to Crescent and Warfield in its ability to succeed under all circumstances. Fruit good size, regular form, beautiful bright red, glossy, firm, splendid keeper and shipper, excellent quality; one of the best for canning; ripens early and continues a long time. It promises to stand at the head in its wonderful ability to ripen a good crop under almost any condition of drought or neglect. Price, 50c per doz.; \$1.00 per 100; \$8.00 per 1000.

AROMA (Per.) One of the most popular late market varieties. A good plant and a good bearer of large, handsome fruit; bright red in color, uniform roundish heart-shape; firm and of good quality. Somewhat resembles Gandy in appearance. A choice variety and reliable. Price, 50c per doz.; \$1.00 per 100; \$8.00 per 1000.

COOPER (Per.) A remarkable new variety that promises to become a leader in the "Large Berried Class." The fruit is uniformly large, exceedingly sweet, ripening evenly without green tips or hollow core. Starts to ripen about midseason and continues over a long period. Plants are exceptionally strong growers, making hills nearly as large as a bushel basket. The fine root system enables it to produce a good crop even in dry, hot seasons. You will be more than pleased with the heavy crop of large, fine-flavored berries produced by the Cooper. You should not fail to get a start of this wonderful new variety. Price, 50c per doz., postpaid; \$1.00 per 100.

GANDY (Per.) This is one of the most reliable large, late berries that is grown. It is one of the old standard varieties that you can depend upon. The plant is a strong grower, a good plant maker. The large, handsome appearance of the fruit always commands for it a high price in market. The fruit always grows large and is one of the best shipping varieties known. In some localities the Gandy is not so productive as some varieties, but the fact that it ripens late and is of a hardy nature indicates that it will do well in any soil where other berries grow. Price, 50c per doz.; \$1.00 per 100; \$8.00 per 1000.

GIBSON (Per.) This is a Michigan berry with a record of 640 cases from an acre. It is a perfect-blooming variety, strong grower, healthy foliage. It is midseason, about the same as Dunlap. Fruit stems are large and strong and are held up well from the ground. The foliage is strong and amply protects the fruit. The berry is a rich red color, being red to the core, which makes it a valuable berry for preserving. It is a large berry, being regular in form and continues good size until the very last picking. We have successfully grown the Gibson for several years and find it one of our leading commercial varieties. Price, 50c per doz., postpaid; \$1.00 per 100; \$8.00 per 1000.

HAVERLAND (Imp.) Exceedingly productive. Fruit large and fine. One of the most popular of the well-tested varieties. It will stand more frost than most any other variety, often bearing large crops when others are killed. We can always depend on a large crop. No berry will produce more fruit per acre or sell for more money. The demand for plants is always great. Price, 50c per doz.; \$1.00 per 100; \$8.00 per 1000.

POTATO EYES BY MAIL (Postpaid)

For many years we have been furnishing our customers good sound potato eyes by mail. It saves high freight and allows you to get a start of new varieties for a mere nothing. These potato eyes give the very best of satisfaction. Remember they come by mail, postpaid, and are sure to grow. Try our new kinds. At a very small expense you can grow an experimental patch for exhibition. It is very interesting and profitable. 75 eyes should produce a bushel or more of good, sound potatoes, any variety. Varieties we can supply: Six Weeks, Early Ohio, Irish Cobbler, Rural New Yorker, Seneca Beauty, and Petoskey.

PRICES POTATO EYES (Postpaid), 12 eyes, 25c; 50 eyes, 50c; 125 eyes, \$1.00; 250 eyes, \$1.75; 500 eyes, \$3.25; 1000 eyes, \$6.00.



BLACK CAP RASPBERRIES

CULTURE Raspberries will do well on any upland soil that will produce a good corn crop. Land should be thoroughly prepared and well enriched. Keep well cultivated and free from weeds and suckers. As soon as they are done bearing, cut out the old wood to give more vigor to the young canes. Plant in rows six feet apart and two and one-half feet apart in rows. Avoid wet lowlands.

WE GROW THE FINEST RASPBERRY PLANTS IN THE WORLD. OUR VARIETIES ARE THE KINDS THAT MAKE MONEY. THEY HAVE DONE IT FOR US. THEY WILL DO IT FOR YOU.

"THE SCARFF RASPBERRY"



MOST PRODUCTIVE AND LARGEST OF ITS CLASS

W. N. Scarff:—The Scarff Raspberry has made the best growth of any black cap I have, and I have discovered no sign of disease. It gives promise of being one of the most productive and largest of its class.

ROSS COWEN, Ohio.

HISTORY

The Scarff Raspberry came from a seedling that came up by the side of a Gregg plantation of one of our nearby neighbors about ten years ago. From a single plant he propagated the stock until he had growing about 100 plants. It began to attract the attention of growers by its unusually good qualities, and finally by an urgent invitation the writer was induced to visit the plantation. So many new plants have been introduced that it was with some misgivings and reluctance that we consented to go. The berry was really a grand surprise as it was just as good in every way as the grower had represented. Fortunately he had been wise enough to keep every plant on his own ground, and we purchased the entire stock and privilege of propagation and sale.

In size it compares with Cumberland, possibly a trifle larger. In productiveness it is far ahead of any black caps we grow. It is absolutely hardy. Canes practically are free from disease and strong, upright growers. The canes are cleaner by far than any Raspberry we have ever seen and we think it will stand heat and drought better. It makes an abundance of good strong canes, hence our low price, which should induce every grower to plant several acres. We have good strong plants to offer at the following prices: \$1.00 per doz.; \$4.00 per 100; \$30.00 per 1000.



ONE OF OUR RASPBERRY FIELDS IN FRUITING SEASON

PLUM FARMER

This variety is now considered as one of the best of the standard varieties of black raspberries. It is a strong, vigorous, upright grower, hardy, healthy and very productive. The fruit is early, ripening a week or more before Gregg, easily picked, a good shipper and one of the best to withstand drought. Berries are large, very attractive, firm, juicy and of good quality. Price, 75c per doz.; \$3.00 per 100; \$25.00 per 1000.

HOOSIER

A new black cap of considerable value—early, hardy and prolific. Price, 75c per doz.; \$3.00 per 100; \$25.00 per 1000.

HONEYSWEET

We can strongly recommend the Honeysweet to every grower of black raspberries. It has more good qualities than any other variety we know. The canes are strong, vigorous growers, absolutely hardy and very productive of large, jet black fruit which will hang on to the bush long after it is ripe. The fact that it does not shatter, the firmness of the fruit and its short ripening season make it especially desirable from the standpoint of picking. The Honeysweet has a delicious sweet flavor, quite distinctive and perhaps unexcelled by any other variety. There will be a strong demand for these plants and we advise you to send in your order at once. Price, 15c each; \$1.50 per doz.; \$4.00 per 100; \$30.00 per 1000.

BLACK DIAMOND

Valuable for evaporation, canning and home consumption. One of the strongest growers, making an abundance of good, clean wood which ripens up well in the fall, thus enabling it to withstand the cold winters remarkably well. Fruit is jet black and juicy with few seeds. Season about the same as Kansas. Well worthy of a trial. Price, \$1.00 per doz.; \$4.00 per 100; \$30.00 per 1000.

GREGG

An old variety of merit too well known to need description. Price, 75c per doz.; \$3.00 per 100; \$25.00 per 1000.

KANSAS

A well known variety of merit. Fruit ripens early, is large, juicy and of good quality. Canes are strong growing, hardy and quite thorny. Price, 75c per doz.; \$3.00 per 100; \$25.00 per 1000.



Cumberland Raspberries

CUMBERLAND

In hardiness and productiveness it is unexcelled by any other variety. In size, the fruit is simply enormous. The berries run seven-eighths and fifteen-sixteenths of an inch in diameter and are of handsome appearance. In spite of unusual size, the fruit is possessed of great firmness and is thus well adapted for standing long shipments. It follows Palmer and Souhegan and precedes Gregg a short time, making it a midseason variety. The bush is exceedingly healthy and vigorous, throwing up stout, stocky canes, well adapted for supporting their loads of large fruit. It has shown itself remarkably free from the scourge of its family, anthracnose. Large growers report yields of two and three times as much per acre as Ohio under same conditions, and far ahead of other varieties. Price, 75c per doz.; \$3.00 per 100; \$25.00 per 1000.

Red Raspberries

Very Profitable Sorts for City Markets and
Most Productive

ERSKINE PARK A new everbearing red raspberry. This berry originated at Lee, Massachusetts. It was found growing in a Cuthbert plantation and is no doubt a seedling of this old favorite. It bears a good June crop and then after the old canes have been cut out fruit buds begin forming on the tip ends of the new growth and begin to ripen until late in fall. Fruit is quite large and of excellent flavor. It is firm enough for market and very productive. The fruit is of peculiar shape which distinguishes it from all other red varieties. It is large at the base and tapers to a point very much as does the egg of a quail. This is a very popular new variety in the East. Our plants, direct from a reliable grower, are now established and bore fruit last summer and late into the fall season. We hope to have all our customers try it. Price, 20c each; \$1.00 per doz.; \$4.00 per 100.

ST. REGIS Everbearing Red Raspberry. Bears in 80 days from planting. The most popular everbearing red raspberry ever introduced because it actually does bear a big crop of luscious fruit in June and begins again in September, and bears continually until killed by hard freezing. We have had it bear up to November 10th after snow had fallen. It does not bear a few straggling fruits, but the bushes are bending down with fruit in all stages of development, some half ripe and some full ripe. Valuable alike for market or the home garden.

St. Regis is one of the most valuable raspberries for the home garden as well as for market. It is so firm that it will stand shipping hundreds of miles, arriving at its destination in the very best condition. It succeeds upon all soils, whether light and sandy or cold and heavy clay, and the canes are absolutely hardy, always and everywhere, so far as tested. Market gardeners and fruit growers are making plenty of money and there is a regular scramble for plants. If you, Mr. Gardener or Fruit Grower, do not have the St. Regis, then you should right now order just as many plants as you can possibly make room for. Price, good strong plants, 10c each; \$1.00 per 12, postpaid; 100 for \$4.00, by express.

LA FRANCE This variety is one of the latest introductions in everbearing red raspberries and is gaining much popularity because of its strong growing habit and its heavy production of very large, juicy berries in late summer and early fall. We have secured a fine stock of this giant everbearer which we can offer for 25c each; \$2.50 per doz.; \$20.00 per 100.



New Everbearing Red Raspberry, Erskine Park.

CUTHBERT A leading market variety for main crop. Price 15c each; 75c per doz.; \$3.00 per 100.

KING The earliest Red Raspberry on record. It is the early Red Raspberry that makes the big money; often sells for 25c per quart. You want to add this one to your collection. "Round, medium size; light crimson colored; firm and of excellent quality." A seedling of Thompson and ripens about the same time, but larger and more productive." King is in a class by itself. Nothing compares to it in yield, beauty, firmness or size. We have a fine stock of pure plants. Order at once. Our plants are genuine. Price, 15c each; 75c per doz.; \$3.00 per 100.

HERBERT Originated in Canada. It stands severe winters, even 40 degrees below zero, absolutely uninjured, and has never failed to produce a heavy crop of the most delicious fruit. It is a recognized fact that the farther north any fruit is grown, the better is its quality, and this "Child of the Northland" is no exception to this rule. The fruit is as large as the largest. It is as rich and highly flavored as the best, and by far exceeds any other kind in hardiness, rugged, thrifty constitution of plant, and is very productive. Price, 20c each; \$1.00 per doz.; \$5.00 per 100.

NAMES WANTED

When you send your order will you mention one or more of your neighbors who may be interested in our stock? We do not want long lists of irresponsible persons, but good live prospects. We will send something extra in your order if you do this.



La France Raspberries

VICTORY (NEW)

A new Red variety remarkable for its vigor, and extreme hardness. It is a seedling of the Cuthbert, which it resembles closely; but under the same conditions it has proved twice as productive.

Victory was originated in Northern Michigan, where it has withstood a temperature of 30 degrees below zero without injury to a cane. The originator has fruited this variety for more than 10 years, and in comparison with other varieties claims it is unsurpassed in its beautiful bright red color, which it retains after picking, and its delicious flavor.

Price, 20c each; \$2.00 per doz.; \$10.00 per 100.

LATHAM (NEW)

(MINNESOTA No. 4)

In their efforts to produce a Red Raspberry that would be profitable under their extreme weather conditions, the Division of Horticulture, University of Minnesota, originated the "Latham" as the result of a cross between King and Loudon. In Minnesota it is now the leading Red Raspberry of the hardy lates and promises to be the leading late in many parts of the United States; wherever tried, reports have been most favorable. It possesses the hardness of "King" and produces very strong, vigorous, thornless canes; very productive. Berries are large, of highest quality, ripen evenly and hold up well throughout the season. The canes do not need covering even in severe locations.

We have a fine stock of this splendid new variety and hope you will give it a thorough trial, as we are sure it will prove a money maker for you, especially in a season when other standard varieties freeze out.

Price, 20c each; \$2.00 per doz.; \$10.00 per 100.



Victory Red Raspberry



Latham Raspberries.

PURPLE RASPBERRIES

Grow Purple Raspberries for home use. They are unexcelled for canning, making pies, jams or for serving fresh or dessert.

ROYAL PURPLE

A purple variety for which \$1,000.00 was paid simply for the control of the plants. It is ironclad as regards to hardness. A deep red color, far superior in this respect to Columbian and Shaffer. Very firm, very late, very large, and sells at highest market price. Price, 20c each; \$1.00 per doz.; \$5.00 per 100.

COLUMBIAN

The leading commercial variety of the purple type. Midseason, vigorous and productive. Berries dark, fairly firm; rich, sprightly flavor. Excellent for culinary purposes. Price, 20c each; \$1.00 per dozen; \$4.00 per 100.

THE NEW CARDINAL RASPBERRY

This wonderful berry is a surprise in the fullness of its merits—it is its choice purple, pure-flavored berries. It will pay. It is not a novelty, but a variety of great merit. The New Cardinal will grow ten feet, and bears in proportion. Leading horticulturists who have seen this berry say that it is one of the wonders of the century, so far exceeding all others as to put it entirely beyond comparison. Judge Wellhouse, President of the Kansas State Horticultural Society, said at the meeting of the Society that the introduction of the Cardinal Raspberry would add millions to the wealth of the farmers of the country because of its inherent great vigor and exceeding productiveness. Price, 20c each; \$1.00 per dozen; \$4.00 per 100.

HAYMAKER

is a purple cap not as dark as Columbian or Shaffer, and much larger and firmer than either of those varieties, never crumbles, and stands up well in shipping. Sample crates have been shipped to distant points with entire satisfaction. It is a berry to grow for either home use or market. The originator has found it the most profitable berry ever raised for market, and has never yet been able to supply the local demand. So much of a favorite has the Haymaker become that local growers have said that it has ruined the sale of other varieties. Very popular as a canning berry. Many orders for berries for this purpose are placed a year in advance. Price, 20c each; \$1.00 per doz.; \$4.00 per 100.

BLACKBERRIES

We excel in growing fine Blackberry plants. Our assortment is perhaps the largest of any grower in the United States. Our plants are mostly root cuttings, and as fine as can be grown. You make no mistake in ordering your Blackberries of us, as both our price and stock are right. Our plants will make you big money.



ELDORADO This is one of the most valuable varieties for market and home use. It is a strong, upright grower, moderately full of thorns. About equal in productiveness to Snyder. The fruit is jet black, never coloring red after picking, fully as large again as the average Snyder berry. The flavor is excellent, differing from all others in this respect, imparting a rich aroma, melting and juicy with but little core. Highly recommended by experiment stations and growers everywhere. It will sell for 50c to \$1.00 per bushel in advance of Snyder.

Eldorado is unquestionably one of the best commercial blackberries grown. The finest quality of the blackberry family. It is not a new variety, but one of the meritorious kinds that become more popular each year. Price, 15c each; \$1.50 per doz.; \$5.00 per 100.

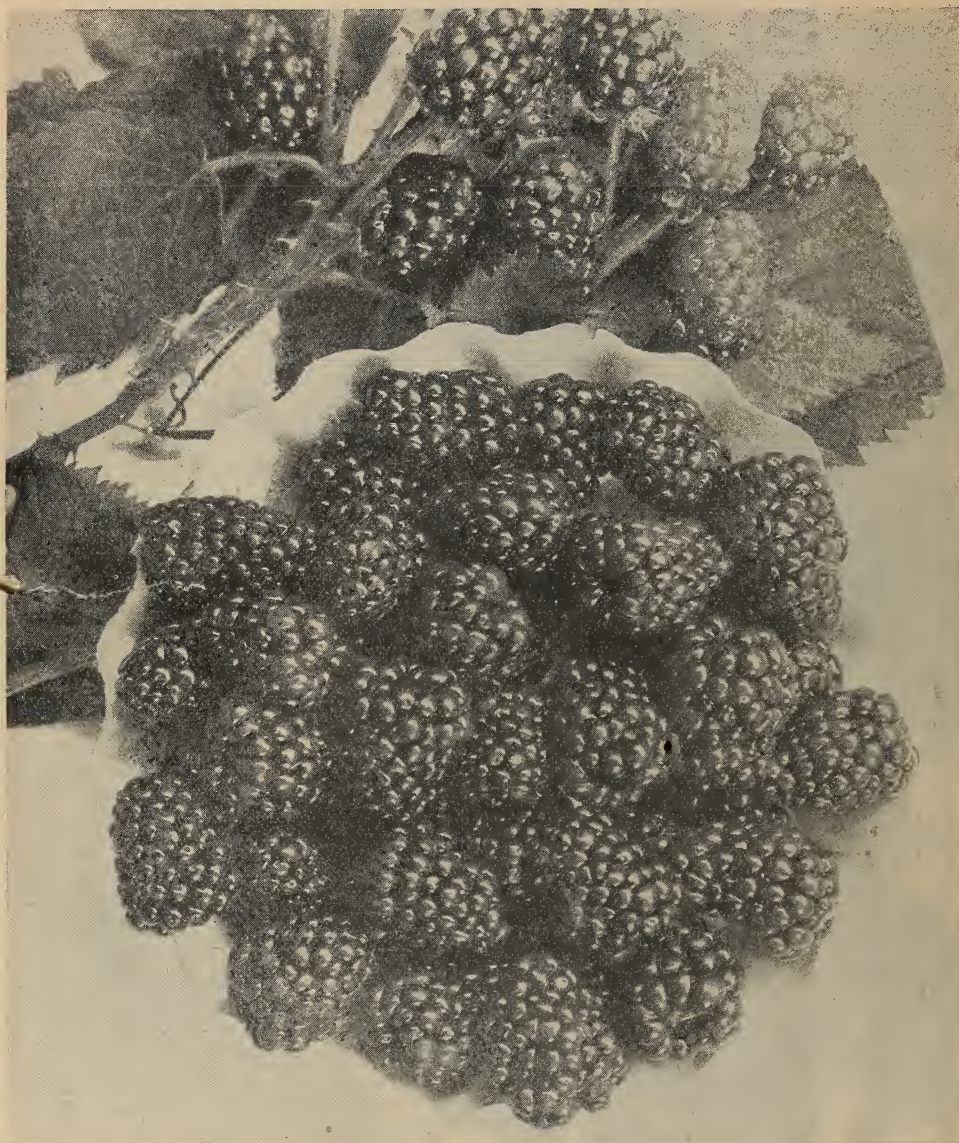
SNYDER One of the old favorites that is still popular wherever Blackberries are grown. It is medium size, strong grower, hardy, and wonderfully prolific. It will perhaps make more bushels per acre than any other variety grown. It should be included in every commercial collection. Price, 15c each; \$1.00 per doz.; \$4.00 per 100.

EARLY KING An extra early and exceedingly hardy variety of great merit. Canes of strong growth, as hardy as Snyder, and very prolific. It is larger and earlier than Early Harvest, and its delicious sweetness renders it of special value for the home garden. It is also free of double blossoms, rust or other disease. It has been thoroughly tested in the North, and has given very general satisfaction. Highly recommended by the experiment stations. Growers coin money on this variety on account of its hardiness, large size and earliness. The only large early berry grown. Many dealers send out Early Harvest plants for this variety as the genuine stock is very scarce. Our plants are fine and true to name. Be sure to add it to your collection. Price, 20c each; \$1.50 per doz.; \$5.00 per 100.

MERSEREAU This early mammoth, iron-clad Blackberry is by far the most valuable variety that has appeared since the advent of Wilson, over 30 years ago. It originated in Northwestern New York, where the mercury falls from 15 to 25 degrees below zero, and where it has stood in open field culture for many years without the slightest protection, never being injured in the least. In quality, it is exceptionally sweet, rich,

melting and luscious, being without core. The canes are of exceedingly strong, upright habit, attaining upon fairly good soil a height of 8 feet, if permitted to grow unchecked, and are so stout as to always remain erect; foliage large, deep green, abundant and entirely free from blight or rust. Its season is early to midseason, ripening with the Snyder—in advance of Kittatinny, Lawton, Taylor's Prolific, Erie, but not so early as the Early Harvest or the Wilson. A standard variety; one of the best. Price, 20c each; \$1.50 per doz.; \$5.00 per 100; \$40.00 per 1000.

ANCIENT BRITTON One of the best hardy varieties. Very vigorous, healthy and hardy, producing large fruit stems, loaded with good sized berries of fine quality that carry well and bring highest price in market. For general planting for home or market in all sections subject to severe winters, the Ancient Britton is recommended as a first-class variety. Price, 20c each; \$1.50 per doz.; \$5.00 per 100.



MACATAWA Plant this variety for highest quality and productivity. The large jet black berries are sweet, juicy, entirely coreless and almost seedless. The excellent flavor and extreme productivity of the Macatawa have made it one of our most profitable varieties. The canes are strong, upright growers, hardy and very prolific. The fruit is produced over a very long season, making it an especially valuable variety for home use or local market. Price, 20c each; \$2.00 per doz.; \$6.00 per 100; \$50.00 per 1000.

ICEBERG, THE WHITE BLACKBERRY

Strange as it may seem, this is a real creamy white Blackberry. Mixed with the jet black ones for dessert it makes a most wonderful dish. The fruit is about the size of Snyder, with few seeds and quite sweet when fully ripe. The bushes are good, strong growers and very productive. This is not a worthless novelty, but a fruit of real value, and should be in every garden. Price, 20c each; \$2.00 per dozen.

RATHBUN The berries are large—larger than Kittatinny, of an intense jet black, very glossy, and of permanent color, never turns red, without hard, small seeds, extra fine quality, with a peculiarly fine aroma, and sufficiently firm to carry well to market. It is in habit of plant, however, that this variety differs from others. The plant suckers very little; it makes a strong, upright stem, from which the branches start out long and drooping, and the ends of which root readily in the ground, like Black Cap Berries, if covered lightly with soil. It forms a compact bush of four to five feet high, with canes much less thorny than other varieties, and yields abundantly. It ripens early—about with Wilson. Price, 15c each; \$1.50 per doz.; \$5.00 per 100; \$40.00 per 1000.

Blower BLACKBERRY.



A very large Blackberry of finest flavor and jet black color. Look as large as Dewberries. The canes grow upright and are perfectly hardy. This variety is one of the most productive in cultivation, begins ripening in July and continues until September. It always sells for highest market price. If you do not have this valuable variety we hope you will try it. This variety is very popular among New York growers. It is claimed that 27 Blower berries filled a quart box and the yield was fully 50 per cent larger than any other variety. Price, 20c each; \$2.00 per dozen, postpaid; \$6.00 per 100; \$50.00 per 1000.

EARLY HARVEST

150 bushels of "Scarff's Fruiting Strain Early Harvest" from one acre sold as high as \$4.00 per bushel. The earliest to ripen and the most productive of the early sorts. There are a number of different strains of Early Harvest Blackberries, all alike in appearance of wood and growth, but vastly different in productiveness. We noticed this peculiarity soon after its introduction, and have, by careful system of selection, selected a strain that is simply marvelous for great yields of luscious fruit. We have not only increased the productiveness, but size as well, and now have an early variety that cannot be excelled, as it ripens so early that it always sells at enormous prices. Price, Scarff's Fruiting Strain Early Harvest, 20c each; \$1.00 per doz.; \$4.00 per 100; \$30.00 per 1000.



Lucretia
Dewberries

BLOWER

DEWBERRIES

We are just beginning to realize the great value of Dewberries. Plant them for profit. Plant them for home use. Their large size, sweet, delicious flavor and fineness of texture are practically unexcelled.

Lucretia Dewberry

The berries are far larger and incomparably better than any blackberry and of unequalled excellence; soft, sweet and luscious throughout; of brightest glossy black color. Price, \$1.00 per doz.; \$3.00 per 100; \$25.00 per 1000.

Austin Dewberry

Earlier than Lucretia, same size. Price, 15c each; \$1.00 per dozen; \$3.00 per 100; \$25.00 per 1000.

Book on Trans-planting

This book will be mailed free to each and every customer for 1924 free of charge. Sent immediately upon receipt of order.

Scarff's Currants

HAVE NO EQUAL FOR PROFIT AND PRODUCTIVENESS

No garden is complete without them. Easy to grow and sure to bear. Our list comprises only the very best in cultivation. Plant 3 x 6 feet. Use Paris Green or Hellebore for worms.

RED CROSS

We have grown this variety for a number of years on our Fruit Farm and find it one of the most profitable currants that we grow. It was originated by the veteran horticulturist, Jacob Moore, who counted it one of his greatest achievements. In size it is equal to Fay or Cherry and will, we are sure, yield as much again as these old favorites. The quality is good and size of berries uniform. The red clusters are large, making it very easy to pick. Our pickers pick three crates a day of the Red Cross. It makes abundant wood growth, and is not much bothered by borers. Price, 20c each; \$2.00 per doz.; \$15.00 per 100.

WILDER

A remarkable variety for which we predict great popularity, both for table and market. One of the strongest growers and most productive. Bunch and berry very large, bright, attractive red color, even when dead ripe; hangs on bushes in fine condition for handling as late as any known variety. Compared with the celebrated Fays, is equal in size, with much longer bunch, better quality with much less acidity; ripens at same time, continues on bush much longer; fully as prolific, in some trials largely outyielding it. Price, 20c each; \$2.00 per doz.; \$15.00 per 100.

VICTORIA

Large; bunches long; berries bright red color, of excellent quality; bush good grower, extremely hardy. Perhaps this is the best of the older varieties of currants. Price, 20c each; \$2.00 per doz.; \$15.00 per 100.

FAY'S PROLIFIC

Perhaps no other currant has received so much praise as the Fay. It is very large, and always sells well and at high prices. We consider it does better on heavy clay soil, well manured and thoroughly cultivated, than on lighter soils. Price, 20c each; \$2.00 per doz.; \$15.00 per 100.

PERFECTION Is a beautiful bright red. Size as large or larger than the Fay, the cluster averaging longer. The size of berry is well maintained to the end of the bunch. The Perfection has a long stem from point of attachment to the bush to the first berry, making it easy to pick without crushing any of the berries.

PRODUCTIVENESS. The Perfection is a great bearer, resembling its parent, the White Grape, in this respect; superior to the Fay or any large sort with which we are acquainted.

THE SEASON OF RIPENING is about the same as that of the Cherry or Fay.

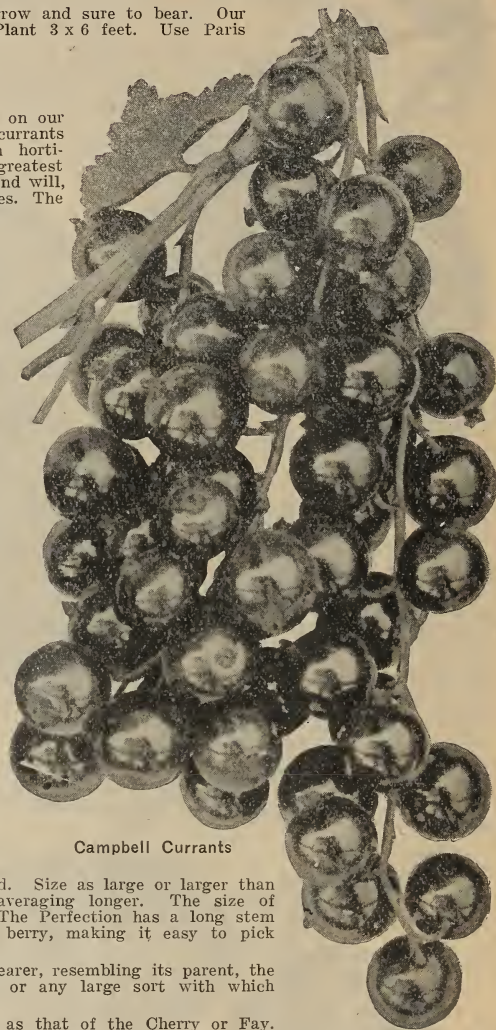
QUALITY. Rich, mild, sub-acid, plenty of pulp with few seeds. Less acid and of better quality than any other large currant in cultivation. The White Grape has always been considered one of the best varieties for table use, and the effect of this strain is plainly seen in the very fine quality of Perfection.

VIGOR AND HEALTHFULNESS. In habit of growth it is intermediate between its parents, Fay and White Grape, with remarkably large, healthy foliage. Price, 25c each; \$2.50 per doz.; \$20.00 per 100.

LONDON MARKET The home of this valuable currant is Michigan, where hundreds of acres of currants are grown for the Chicago markets. No other variety is so popular in that noted fruit section. The fruit is of good size, being larger than Victoria, Versailles and North Star. It is enormously productive. The bush is healthy and holds its leaves until snow flies. We consider this variety to be one of the most profitable that a fruit grower can plant either for commercial purposes or for the home garden. It is an all-around currant that gives universal satisfaction. The success of currant culture depends upon productiveness, size, and length of season the fruit will remain in prime condition on the bushes. London Market has all of these strong points and you are certain to make no mistake by planting heavily of this variety. Price, 20c each; \$2.00 per doz.; \$15.00 per 100.

POMONA The berry is medium to large, bright red and excellent quality. It hangs on the bush a long time after ripe, and is one of the best shipping varieties. It is easiest of all varieties to pick; and has a record of making a net profit of \$461.00 per acre for three consecutive years on an acreage of 6 1/4 acres. This perhaps is the best record of any currant grown. Price, good strong plants, 20c each; \$2.00 per dozen.; \$15.00 per 100.

NOTE—See quarantine regulations next page on Currants and Gooseberries.



Campbell Currants

Scarff's Gooseberries

OUR STOCK OF CURRANTS AND GOOSEBERRIES IS EXCEPTIONALLY FINE AND OUR VARIETIES ARE THE BEST, BEING HARDY, PROLIFIC BEARERS AND LARGE FRUIT. MAY BE PLANTED EITHER SPRING OR FALL.

We are just now beginning to realize the immense profits in Gooseberry culture. It is really amazing to learn of the great yields from a plantation that has been properly handled.

A half bushel per bush is not an uncommon yield. The Rural New Yorker has published some remarkable records from plantations in New York and Indiana. We advise you to investigate this line of fruit growing and get started at once so you can reap the big profits in the early stage of the game.

OREGON CHAMPION

By the originator it is claimed to outyield Downing four to one and berries equal size. Compared with Houghton it is a heavy cropper and very easy to pick. The branches are willowy and drooping. The berries are a golden tint when ripe. Sweet and excellent quality. A distinct variety in fruit and growth. Price, 30c each; \$3.00 per dozen.

JOSSelyn

General favorite among fruit growers. Large size, pink color when ripe, smooth, prolific and hardy. Carefully tested everywhere and one of the most profitable to grow for market. Free from mildew in both leaf and fruit. Foliage healthy, bright and clean. Bush strong, upright grower. Price, 30c each; \$3.00 per dozen.

QUARANTINE NOTICE

Owing to White Pine Blister quarantine no orders for Currants or Gooseberries will be accepted from the following states:

Washington, Oregon, Montana, Idaho, Nevada, California, Wyoming, Utah, Arizona, North Dakota, South Dakota, Nebraska, Colorado, New Mexico, Kansas, Oklahoma, Texas, Georgia, New Hampshire, North Carolina, South Carolina, West Virginia, Maine, Tennessee.

Josselyn

PEARL This is a very desirable American variety—a cross between Houghton and one of the large English varieties. It is very hardy, entirely free from mildew, superior in size and quality and more productive than Downing, and is likely to supersede this standard sort. From the many flattering testimonials of this new berry from most of the leading horticulturists we have pleasure in recommending this variety for small or extensive planting as one of the best berries of recent introduction. Price, 30c each; \$3.00 per dozen.

HOUGHTON Berries medium under ordinary care, but if thinned thoroughly in fall or spring fruit will be greatly improved. Color is pale red; tender and good; plants make a spreading growth of rather slender wood; enormously productive. Price, strong plants, 30c each; \$3.00 per dozen.

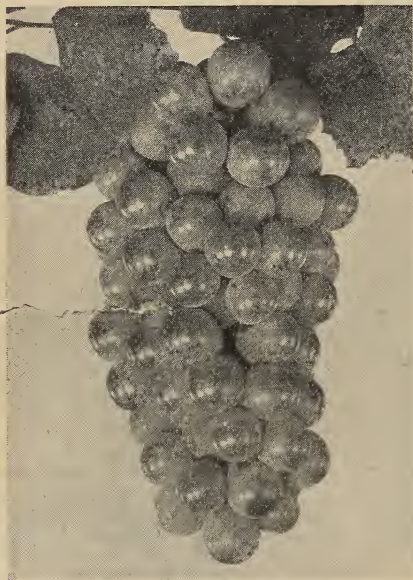
DOWNING A large, handsome fruit, green in color; fine flavor; immense cropper and always in demand at fancy prices. American variety, free from mildew; bush strong grower; wood thick and strong. Price, strong plants, 30c each; \$3.00 per doz.



Caco New Red Grape

A variety of exceptional merit and should be in every collection planted. It combines more good qualities than any other variety introduced in many years.

The Caco is perfectly hardy in all parts of the country. It has been pronounced by the best growers in America to be equal in quality to any variety grown, either out of doors or under glass. It is the most beautiful of the hardy grapes, the bunches are large, well shouldered, color wine red with abundant bloom. Bunches are compact and of good size and form. Earlier than Concord and is sweet and palatable several weeks before it is fully ripe. The vine makes a very strong growth, hence is valuable for covering trellis or screen. Caco is beyond doubt one of the best of our native grapes. Price, 50c each; \$5.00 per doz.



CACO RED GRAPE

CONCORD (Blue)

An old variety; does well wherever planted; good size; productive. Price, 30c each; \$3.00 per dozen.

MOORE'S DIAMOND (White)

The color is a delicate greenish-white, with a rich yellow tinge when ripe. Very few seeds, juicy, and almost transparent. Berry size of Concord and two weeks earlier. Price, 30c each; \$3.00 per dozen.

CHAMPION (Blue)

One of the earliest to ripen, practically free from rot or other disease, strong grower, compact bunches, quality fair, size medium. It succeeds anywhere, and is good for covering arbor. Price, 30c each; \$3.00 per dozen.

CATAWBA (Red)

One of the best known and widely grown of the red varieties. It is the leading red grape in commerce and grape-juice making. A strong grower and productive under a wide range of cultural conditions. Fruit attractive in appearance, good flavor and keeps well. Price, 30c each; \$3.00 per dozen.

AGAWAM (Deep Red)

Deep red, large bunch, berries large, meaty with rich aromatic flavor. Ripens a little after Concord. Price, 30c each; \$3.00 per dozen.

WORDEN (Blue)

A valuable blue grape ripening from three days to a week before Concord. Berry large, of good quality; thin skin; very productive; vine a strong grower. The most popular blue grape grown today. It comes in early enough to avoid the rush of Concord, thus brings 1 to 3 cents per pound more. Price, 30c each; \$3.00 per dozen.

MOORE'S EARLY (Blue)

A large blue grape, ripening a week earlier than Concord; good grower; berries large, good quality, and makes a moderate yield; very valuable as an early grape. Price, 30c each; \$3.00 per dozen.

NIAGARA (White)

The most popular white grape in existence. Fruit large and very productive; a good grower; ripening same season as Concord; equally good; valuable in every way. Price, 30c each; \$3.00 per dozen.

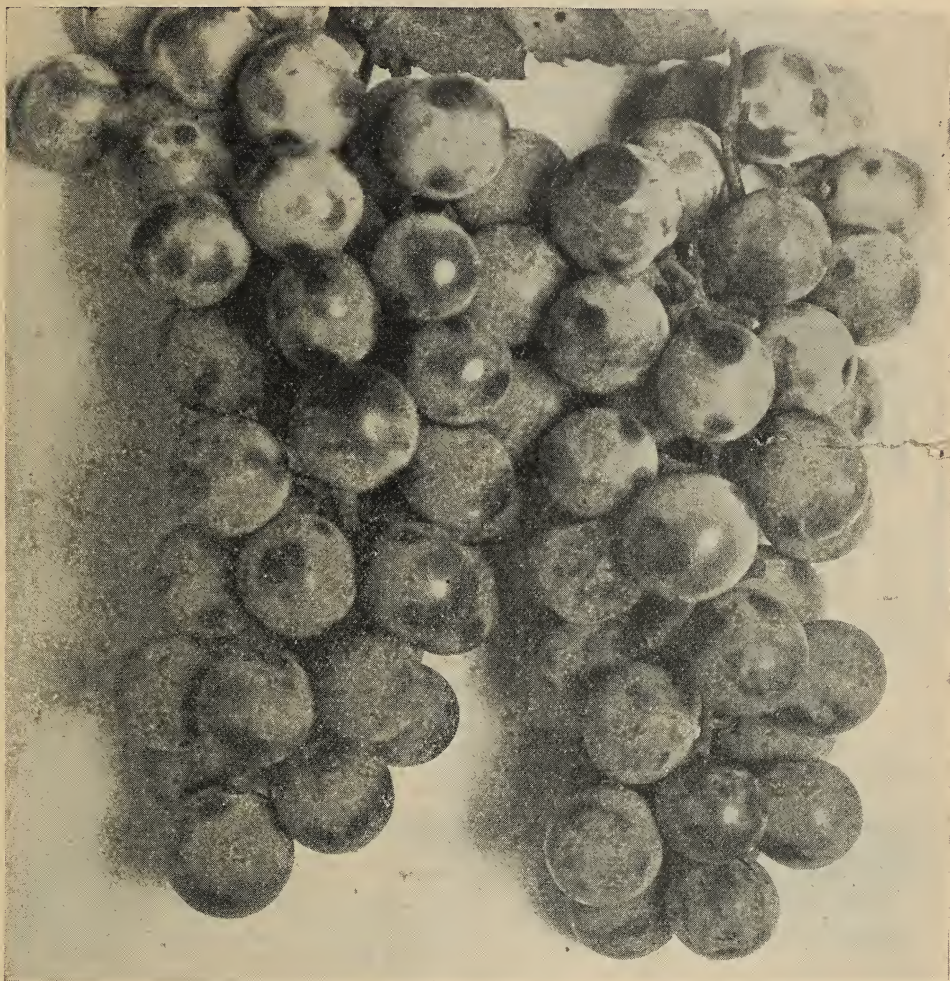
BRIGHTON (Red)

One of the best red grapes in cultivation. Bunch large and compact; a strong grower and very productive; quality good. Price, 30c each; \$3.00 per dozen.



NIAGARA

Campbells Early Mammoth Blue Grape



CAMPBELL'S EARLY—This valuable blue Grape originated at Delaware, Ohio, and has been planted wherever good grapes are grown. It is one of the largest of the blue grapes and ripens in same season as Moore's Early. It is one of the largest of blue grapes, with good flavor and juicy meat. The skin is firm, but not tough, making it one of the most desirable varieties to eat out of hand and for table use. The vine is a strong grower and is valuable for covering trellises and fences. The leaves are large and spreading, protecting the fruit from the sun and rain. If you do not have this valuable variety in your collection it should be added at once, as no vineyard or garden collection is complete without Campbell's Early large blue grape. Price, 30c each, \$3.00 per dozen.

Champion Grape Collection

This collection is made up to assist our customers in getting vines suitable for a garden or trellis. The fruit begins to ripen early and continues as long as the grape season lasts. Some are white, some are red and pink and blue, all of fine quality and splendid growers. The collection is well worth double the money asked for it. The varieties we have selected for this year are Brighton (red), Wyoming (red), Niagara (white), Moore's Diamond (white), Concord (blue), Moore's Early (blue), Worden (blue), and Campbell's Early (blue).

Price for this collection postpaid to any address in the U. S., good strong one-year vines of each of the eight varieties named, \$1.50. Collection of strong two-year vines, same varieties, one plant each, postpaid for \$2.50.

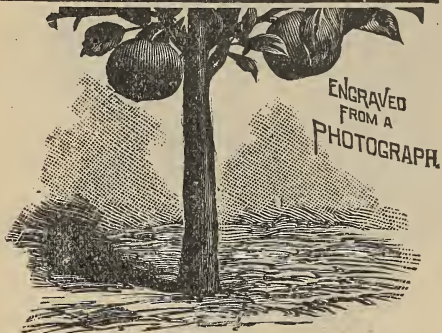


BISMARK

DWARF APPLE

BEARS ABUNDANTLY AT 2 AND 3 YEARS OLD
PLANT AT LEAST A DOZEN TREES

See other varieties of Dwarf Apples



Great Crops FROM LITTLE TREES

Dwarf Fruit Trees

SOLVE THE PROBLEM OF FRUIT GROWING
IN SMALL GARDENS.

For centuries the dwarf fruits have been grown in Japan, and for many years in Europe, but only in recent years have they attracted much attention in our own country. The trees do not attain the size of standard stock, therefore are better suited for suburban plantings, where space is limited; they can be planted closely, enabling the grower to have more of them and get quick results, as they begin bearing in 2 or 3 years if carefully planted and cared for.

DWARF APPLES

Dwarf Apples are grown by grafting on Paradise stocks.

Perhaps no other fruit is attracting so much attention at the present time as Dwarf Apples, especially for garden and yard planting. They can be planted 6 feet apart and do well. They begin to fruit the second or third year, and bear abundant crops. The fruit is just as large, same flavor, etc., as that borne on the standard trees. The great advantage is the early bearing of fruit. The trees never get over 6 or 8 feet high. Very profitable, bear 4 to 6 bushels per tree.

WE CAN SUPPLY THE FOLLOWING CHOICE DWARF KINDS: BISMARK, BALDWIN DELICIOUS, DUCHESS, RED ASTRACHAN, NORTHERN SPY, WAGENER, WEALTHY, McINTOSH. TRY A DOZEN OR MORE TREES, AND GATHER FRUIT FROM THEM IN A VERY FEW YEARS. PRICE, 3-FOOT TREES, \$1.00 EACH; \$10.00 PER DOZEN.

BISMARK DWARF APPLES Tree of short stock growth, thick, healthy foliage; makes beautiful specimens. It can be grown in pots for decorative purposes. Fruit large, handsome, yellow, sometimes shaded red cheek; flesh tender, sub-acid. Entirely new in its remarkable quality of producing crops on young trees, seldom failing to bear when two years old. Price of trees, \$1.00 each; \$10.00 per doz.

DWARF PEARS

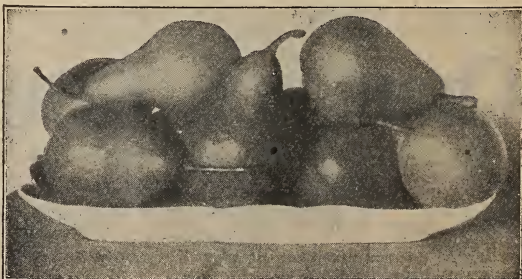
May be planted 6x6 feet, and they will begin bearing in a very few years. The Dwarf Pears are grown by budding on Quince stocks.

The following varieties are particularly recommended for cultivation.

All are vigorous and handsome growers, hardy and productive.

KOONCE
KIEFER
SECKEL
WILDER
BARTLETT
CLAPP'S FAVORITE
DUCHESS
FLEMISH BEAUTY

Price of Dwarf Pear trees, three feet high, each, \$1.00; \$10.00 per doz.



APPLES STANDARD SIZE TREES

ENSEE

Seedling of the Rome
Beauty

The Apple to Grow
for Home Use
or Market.



THE FRUIT IS LARGER, BETTER COLORED, JUICIER AND IS MORE WIDELY ADAPTED THAN THE ROME BEAUTY.

ORIGIN. The Ensee Apple originated on the farm of the late Nelson Cox in Lawrence County, Ohio, and began to bear good crops as early as 1895. Since then it has grown more in favor as a family apple for dessert and cooking, and as a commercial variety it has stood in the front rank wherever it has been marketed.

DESCRIPTION. The trees bloom about the same time as Grimes Golden and both buds and bloom will stand frost much better than the average. In the Northern Apple sections the Ensee is much better adapted than the Rome Beauty as it does not scab so badly and colors earlier. It hangs to the tree well after colored and keeps well in storage, retaining its crisp, juicy texture, and does not become dry and mealy as does the Rome.

SUMMER AND FALL VARIETIES

TRANSPARENT

Pale lemon yellow, very good; the earliest apple to ripen and a fine market sort. Starts to bear good crops of fruit very young.

DUCHESS OF OLDENBURG

Red striped, underlaid with clear yellow. Quality very good and is a heavy producer.

WEALTHY

One of the finest of the midsummer varieties. Red striped, tender, juicy and a reliable bearer.

RED ASTRACHAN

Large, red striped, somewhat acid. Withstands winter well.

JEFFERIS

The Jefferis surpasses all summer varieties for quality, making it especially desirable for planting in the home orchard. Fruit yellow, striped with light red; ripens over a long season.

MAIDEN BLUSH, RAMBO, WOLF RIVER, SUMMER RAMBO.

WINTER VARIETIES

BANANA

A winter variety with decided banana flavor. Comes into bearing early. Fruit is large, perfect in form, golden yellow beautifully shaded and marbled with bright crimson. Flesh lemon yellow, creamy texture and of the highest quality.

BALDWIN

An old variety of well-known merit. Highly prized both for its cooking and dessert qualities.

DELICIOUS

A very popular variety. Fruit large and nearly covered with brilliant dark red. Flesh fine grained, crisp and melting with a delightful aroma; of very highest quality. A good keeper and shipper.

GREENVILLE

WINTER MAIDEN BLUSH. A beautiful apple of waxen yellow color. Keeps well into the winter and is of high quality for cooking and eating. Tree is a strong grower, comes into bearing early and is a good producer.

FAMUSE

SNOW APPLE. Medium sized, roundish, almost entirely red. Flesh white, tender, juicy, sometimes tinted with pink. Good producer, early winter.

GANO

One of the most reliable producers of all apple varieties. An improved Ben Davis that is higher in quality and better in color.

McINTOSH RED

Hardy Canadian apple. Good annual bearer. Fruit medium sized, nearly covered with dark red; flesh white, tender, juicy. Highest quality.

OTHER VARIETIES

GRIMES GOLDEN, JONATHAN, WHITE PIPPIN, ROME BEAUTY, WINESAP, STAMENS, YORK IMPERIAL, STARK, NORTH. SPY, N. W. GREENING.

CRAB APPLES

Varieties—Hyslop, Whitney, Transcendent. Price, 75c each; \$8.00 per doz.

PRICE APPLE TREES—75c EACH; \$8.00 PER DOZ. \$60.00 PER 100.

PEACHES



Hamper of Elberta Peaches

MAYFLOWER PEACH

Practically frost-proof—it blooms very late and blossoms are very large, thus quite safe from damage by ordinary frost. Safe and sure for planters everywhere. This new peach originated in North Carolina, and is the earliest peach in existence; besides its color is perfectly red, which makes it one of the best and most profitable market sorts in existence. It is perfectly hardy, an abundant cropper, and should be in every home collection of fruit, whether for the home garden or for commercial purposes. Our stock comes from the originator, and can be relied upon as being genuine and first-class in every respect. Mayflower is a cling peach. Price, good trees, 60c each; \$6.00 per doz.; mailing size, 50c each; \$5.00 per doz.

STANDARD PEACHES

Prices, except where noted, 4 to 5 feet, good trees, 60c each; \$6.00 per doz.; \$45.00 per 100.

CROSBY. Valuable especially for the unusual hardness of its fruit-buds. Medium; bright yellow, with crimson splashes and stripes; very attractive; flesh bright yellow; red at the pit; juicy, rich. An abundant and regular bearer. Ripens before Crawford's Late.

CHAMPION. Originated in Illinois. Very large. specimens having measured ten inches in circumference; skin creamy white, with red cheek; very handsome; will fruit under trying conditions. August.

CRAWFORD'S EARLY. One of the best early yellow peaches. Fruit large; yellow with a blush cheek; very beautiful and productive. Last of July.

ELBERTA. Quite as popular as Crawford's Early. The best peach grown.

OTHER GOOD VARIETIES—Crawford's Late, Elberta, Globe, Mountain Rose, Old Mixon Free, Stump the World, Smock Free, Carman, J. H. Hale.

PLUMS

Prices, good trees, \$1.25 each; \$12.00 per dozen.

MORRE'S ARCTIC. Very hardy; a prolific bearer; dark purple; flavor fine.

NIAGARA. Large; reddish purple; green bloom, resembling Bradshaw.

SHIPPER'S PRIDE. A large blue plum; very hardy and productive; esteemed for market.

REINE CLAUDE. Bavey's Green Gage. Very large, greenish; fine flavor.

GERMAN PRUNE. A valuable plum of fair quality for dessert, but most esteemed for drying and preserving. Long oval purple with a thick blue bloom; flesh firm and pleasant, separating from the stone. Moderate to vigorous in growth. September.

BRADSHAW. Very large fruit; dark red; flesh inclined to yellowish-green.

LOMBARD. Size medium; dark blue; sweet, good. A variety valuable for market. A great producer of fine blue plums. Most popular variety of blue plums grown.

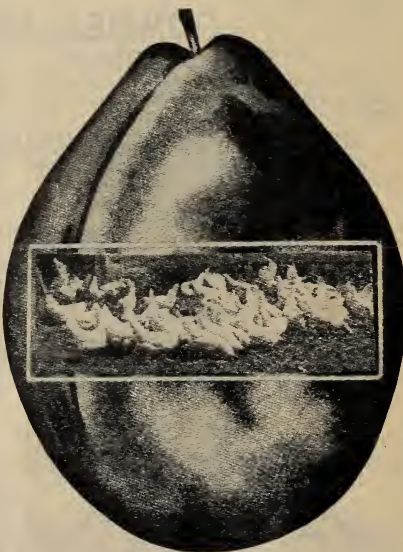
ABUNDANCE. A very early bearer, it often bears fruit in the nursery row. It bears such loads of fruit that it is often necessary to prop the limbs to keep them from breaking. Fruit large, beautiful, and of an amber color. Flesh yellow, tender, sweet.

RED JUNE. A vigorous, hardy, upright, spreading tree as productive as Abundance, with fruit equally as large. Small pit, juicy, reliable bearer.

BURBANK. It is one of the most promising of any variety of Japanese origin. Vigorous, strong branches. Fruit almost curculio-proof. A good shipper. June.

HARRIS HARDY APRICOT The fruit is fully as large as the best Apricot grown in California, and so much better in quality as to make and hold a place in the market against the very best from California. Price, \$1.25 each; \$12.00 per doz.

NECTARINE A very delicious, smooth skinned fruit, which thrives wherever peaches will grow. Price, \$1.00 each; \$10.00 per doz.



German Prunes

CHERRIES

A GOOD COMMERCIAL CHERRY ORCHARD PAYS
BIG PROFITS

Price, fine trees, 5 to 6 feet, well-headed and good roots, \$1.25 each; \$12.00 per doz.

GOV. WOOD One of the best sweet cherries. Large, light red, juicy and delicious. Tree healthy and a good bearer. Early June.

YELLOW SPANISH Very large, yellow and rich; a popular variety. Is of Spanish origin. Sweet.

DYEHOUSE In wood and fruit, it shows a percentage of both Morello and Duke. Bears early and is a sure fruiter. A week earlier than Richmond. Valuable for preserves.

EARLY RICHMOND Dark red; medium size; very popular. A standard and time-tried variety. Early May market.

MONTMORENCY Larger than Early Richmond, about ten days later, and is probably the best and most paying variety in cultivation for market.

No better time than now to plant Cherry trees, as the demand was never better for good fruit.



Early Richmond



Seckel

STANDARD PEARS

Prices, except where noted, fine trees, \$1.25 each; \$12.00 per dozen.

SECKEL Small, skin rich yellowish brown when fully ripe, with deep brownish-red cheek; flesh very fine grained, sweet, exceedingly juicy, melting in the mouth.

DUCHESS Very large, buttery, rich, juicy, excellent. It succeeds to perfection and is the most popular market variety as a dwarf.

KOONCE This pear ripens about two weeks earlier than Early Harvest. It is not quite as large as Early Harvest, but of much better quality, and does not rot at the core, as Harvests often do. The fruit is straw color, with red cheek, dotted with brown dots. Tree a vigorous grower; healthy foliage; is very hardy in bud and bloom.

WILDER EARLY The claims of this pear are early ripening, productiveness, high quality and healthy growth; also long keeping qualities.

BARTLETT Size large, with blush next the sun; quite juicy; excellent flavor; fruits when quite young. One of the most popular. July and August.

TYSON Size medium; cheek reddish-brown; melting, sweet, excellent. August.

CLAPP'S FAVORITE VERMONT BEAUTY

most delicious pear, the Seckel, than any other pear on the market. It is full medium size, yellow, covered on the sunny side with bright crimson-red; flesh melting, rich, juicy, aromatic. Ripening with and after Seckel, though much larger in size and more attractive in appearance; it cannot fail to prove a general favorite and very valuable.

IDAHO A chance seedling and a noteworthy variety. Will withstand a temperature of 30 degrees below zero. Its size and appearance somewhat resemble the Chinese Sand Pear, but it is far superior to it for eating. It is among the best pears in cultivation. Large, handsome, small core. October.

KIEFFER An offspring of the Sand Pear and Bartlett; a very ornamental variety, owing to its beautiful foliage. Bears very young, often fruiting in the nursery row. Fruit never rots at core. September and October.

ROSSNEY Ripens two weeks after Bartlett; it is an excellent keeper and shipper, with tree much stronger than Kieffer. In general appearance it somewhat resembles Bartlett, but is more round. It is very seldom you can find a single variety combining so many rare qualities as this does, and we have great pleasure in offering it as the best pear on the market.

ORNAMENTAL TREES



Norway Maple

NORWAY MAPLE

The Norway Maple for the lawn and street planting has perhaps no equal. It is not a rapid grower, but it makes a compact and symmetrical top with spreading branches, giving the finest of shade and protection from the sun and wind. A universal favorite among shade trees. Price, good 8 to 10 ft. trees, \$1.50 each; 10 to 12 ft., \$2.50 each; largest size, \$3.00 each.

AMERICAN ELM

(Ulmus Americana) This well-known tree ranks among the very best for avenue or park, especially in deep or wet soil. It grows rapidly and makes tough branches, rarely being damaged by wind or snow. Its spreading head, drooping branches and stately growth, give it the name of the "Monarch of the Forest." Price, 10 to 12 ft., \$1.50 each.

NORWAY POPLAR

This variety has just come into prominence lately because of its marked superiority over the other similar varieties of this family of trees. It grows very rapidly and has been known to attain a height of 50 feet with a diameter of 17 inches in 14 years. Growth is tall and straight, makes a good shade, retaining its leaves until late in autumn, and on account of the rapid growth it makes an excellent wind break. The wood is straight grained and suitable for lumber. Splits easily, seasons quickly and makes excellent fuel. Price, 8 to 10 ft., 75c each.

CATALPA BUNGEI

(Umbrella Catalpa) Grafted on stems 6 to 8 feet high, it makes an umbrella-shaped top without pruning. Perfectly hardy, and flourishes in almost all soils and climates. Leaves large, glossy, heart-shaped, deep green; lie like shingles on a roof; always making a symmetrical head. One of the most unique trees, a valuable acquisition for lawn, park and cemetery planting. Price, 6 to 8 ft., \$2.00 each.

NEW AMERICAN MULBERRY

An everbearing variety ripening from middle of June until the middle of September. It forms a handsome shade tree, and is much harder than the Downing and is a heavy annual bearer of large, sweet, delicious and refreshing berries that do not have the mawkish sweetness of most varieties. Delightful for making pies, dumplings and puddings. Price, 5 to 6 ft., \$1.00 each; \$10.00 per doz. Mailing size, post-paid, at the same price.

DOWNING EVERBEARING MULBERRY and RUSSIAN MULBERRY. Same price.

Ash, American White, 8 to 10 ft.	\$1.50
Catalpa, Speciosa. 8 to 10 ft.	1.00
Catalpa Bungei. 2-year-old, 6 to 8 ft.	2.00
Dogwood, White Flowering. 6 to 8 ft.	1.00
Elm, American. 10 to 12 ft.	1.50
Cut Leaf Weeping Birch. 6 to 8 ft.	2.50
White Birch. 5 to 6 ft.	1.50
Linden, American. 6 to 8 ft.	1.50
Maple, Ash-Leaved. 8 to 10 ft.	1.50
Maple, Norway. 10 to 12 ft.	2.50
Maple, Sugar. 6 to 8 ft.	1.50
Mulberry, Teas' Weeping. 2-year heads	2.50
Poplar, Carolina. 8 to 10 ft.75
Poplar, Lombard. 10 to 12 ft.75
Poplar, Norway. 8 to 10 ft.75
Poplar, Volga75
Horse Chestnut. 5 to 6 ft.	1.25
Bechtel's Flowering Crab	1.50
Willow, Kilmarnock, Golden. 6 to 7 ft., 2-yr. heads....	2.00
Beech, Purple Leaf	2.00
Sassafras. 4 to 5 ft.75
Mulberry, Russian. 5 to 6 ft.75
Mulberry, New American75
Black Walrut. 10 ft.	1.50
Paw Paw50
Persimmon	1.50
Butternut. 10 to 12 ft.	1.50



Catalpa Bungei

Nut Trees

Prices, postpaid—	Each	Doz.
Pecan. Seedling, small size.....	\$0.75	\$8.00
Black Walnut. Seedling, mail size.....	.50	5.00
Japan Walnut. Seedling, mail size.....	.75	8.00
Butternut. Seedling, mail size.....	.50	5.00
Hickory Nut. Seedling, mail size.....	.50	5.00
Hazelnut. Seedling, mail size.....	.50	5.00

Plant a few Russian Mulberry Trees for the birds. They will fruit a long time and birds eat them in preference to cherries.

Ornamental Shrubs

Nothing will add more to the value and beauty of your home than a few of our beautiful flowering shrubs planted around the house and in the lawn. We are recommending only the ironclad shrubs which are perfectly hardy, the varieties which have proven their worth and bloom profusely under a wide range of conditions.

ALTHEA ROSE OF SHARON. Strong, erect-growing shrub of easiest culture, perfectly hardy and a prolific bloomer. Large, showy flowers in late summer when few other shrubs are in bloom. Assorted colors. Price, 30c each; \$3.00 per dozen.

BARBERRY JAPANESE BARBERRY (Berberis Thunbergii). A most beautiful dwarf Barberry from Japan. Changing in autumn to beautiful tones of orange, scarlet, and crimson. Yellow flowers produced in early April, followed by red berries which are produced in great profusion and which last the entire winter. Leaves retained for a long time. Makes a most beautiful and conspicuous low-growing hedge, and one that is specially suited for making boundary lines. In this ever-changing habit of this variety of Barberry lies its great charm and beauty, as each day sees some new development. It fits in anywhere and everywhere and always looks fine, and at the foundation of the house or porch, along the side of walks, in front of any tall-growing shrubbery, or as an individual plant on the lawn it is always in keeping with its surroundings. It is of low, dense, horizontal growth, graceful in all its branches. A favorite shrub and is becoming more popular each season. Absolutely hardy wherever planted. Price, large plants, 35c each; \$3.00 per dozen. Hedge size, \$15.00 per 100.

BOX BARBERRY A dwarf form of the Japanese Barberry and is very similar in appearance except that it is a much lower



Althea—Rose of Sharon

growing, compact, keeping a height of not more than 12 to 18 inches. Foliage is a deep green, turning to a brilliant red in autumn. Numerous red fruits in late summer, hanging on throughout the winter. Price, 25c each; \$2.50 per dozen; \$15.00 per 100.

CORNUS—DOGWOOD RED TWIG DOGWOOD. A very hardy, thrifty shrub, doubly attractive because of its creamy white flowers in early summer followed by clusters of white berries, and its very conspicuous blood red branches throughout the winter. Price, 35c each; \$3.50 per dozen.

CORNELIAN CHERRY. Tall shrub of the dogwood family making a dense growth and of special value for screens and background planting. A profusion of yellow flowers in early spring before the leaves appear and followed by bright red berries in the fall. Attractive to birds. Foliage a beautiful glossy green becoming highly colored in the fall. Price, 35c each; \$3.50 doz.

BUSH HONEYSUCKLE The Bush Honeysuckles are especially desirable because they come out in leaf very early in the spring and produce very excellent foliage effect throughout the year, producing numerous flowers in May and followed by very attractive red and orange fruits. We can furnish the white, pink and red-flowering Tartarian Honeysuckle. Price, 35c each; \$3.50 per dozen.

BUTTERFLY BUSH (Summer Lilac) This rare new flower is attracting attention of flower lovers everywhere and should be in every collection. It begins blooming in summer and continues without check until the middle of October. The flowers are valuable for cutting for market, and have the fragrance of the old-fashioned Lilac. Price for strong plants, 35c each; \$4.00 per dozen, postpaid.

New Giant Flowering Marvel Mallow

The large, showy flowers of this new mallow average five to 6 inches in diameter. They start blooming the latter part of July, when flowers are quite scarce, and continue for over a month. This is a perennial that is perfectly hardy and thrives in either wet or dry soils. We are sure you will like it. We can furnish this in three colors, white, pink, and red. Price, strong roots, 25c each; \$2.00 dozen.



Bush Honeysuckle

Large Bushy Shrub—Flowers either White, Pink or Red.

HYDRANGEAS



AMERICAN "EVERBLOOMING" (Hills of Snow). This new American Hydrangea is believed to be the most beautiful hardy flowering shrubs introduced during the past twenty years. The plant which attains a height of five or six feet, with near the same breadth, is by far more graceful in habit than the old form, with large trusses of beautifully formed flowers of dazzling whiteness, rendering this a plant of peerless beauty. It seems to thrive in various soils, and when fully exposed to the sun as well as in partial shade. The profusion of bloom of this new Hydrangea is very unusual. There have been counted 100 good trusses on one plant—trusses $7\frac{1}{2}$ inches in diameter. Price, 35c each; \$4.00 per dozen.

HYDRANGEA PANICULATA GRANDIFLORA has been very popular for thirty years or more, and millions of plants have been delivered to pleased customers the world over, and sales were never larger than at the present time. Price, strong plants, 35c each; \$4.00 per dozen.

FLOWERING QUINCE *CYDONIA JAPONICA*. The common garden variety that produces a mass of pink and red bloom very early in the spring before the leaves appear. Foliage is a beautiful glossy green and attractive throughout the summer. Price, 35c each; \$3.50 per dozen.

DEUTZIA *DEUTZIA GRACILIS*. A handsome dwarf shrub highly desirable for foundation planting or wherever a low shrub is desired. Growth is compact, with numerous slender, arching branches which are covered with a mass of white flowers in early spring. Price, 35c each; \$3.50 per dozen.



Hydrangea Paniculata Grandiflora.

DEUTZIA, PRIDE OF ROCHESTER. Shrub attaining a height of 4 to 6 feet, producing large clusters of white bloom in early June. The foliage effect is good and it is a strong grower. Price, 35c each; \$3.50 per dozen.

GOLDEN BELL *FORSYTHIA SUSPENS*
You have noticed these graceful sprays of golden yellow flowers—about the first to bloom in the spring—that push themselves into the sunlight long before the leaf buds have burst. Branches have a tendency to droop, making a beautiful specimen shrub, or may be planted in a group with other shrubbery. Price, 35c each; \$4.00 per doz.

GOLDEN ELDER *Foliage is*
a beautiful golden color, producing bloom in large white cymes followed by reddish fruit quite similar to the common elder. Valuable both for their ornamental effect and the culinary value of their fruit. Price, 30c each; \$3.00 per doz.

SPIREA VAN HOUTTEI

In making a house and lawn attractive there is no better shrub than the Spirea Van Houttei. It is a plant growing about five feet high, with delicate leaves and clusters of white flowers. This shrub can be used in groups or in hedges with very good effect. The Spirea Van Houttei is one of the very best hardy plants for an ornamental hedge, or for artistic groupings, and it will bear clipping into compact form, as well as any shrub. Price, for large plants, 30c each; \$3.50 per dozen; \$25.00 per 100.

Plant at least a half dozen of these beautiful white flowering shrubs about the lawn, and they will repay you a hundred fold.

PHILADELPHUS

Syringa or Mock Orange. In the spring this shrub is practically covered with masses of large, very fragrant, creamy white flowers. It is an old garden favorite. Attains a height of 6 to 8 feet. Price, 35c each; \$3.50 per dozen.

PUSSY WILLOW

These large grey Pussy Willows open almost on the first indication of spring and are highly prized for vases, decoration, etc. They may be forced to open much earlier by cutting and placing in a warm room. The plants are easy to grow and are very prolific of the large, fluffy, ball-like bloom. Price, 30c each; \$3.00 per dozen.

SNOWBALL

An old shrub of great merit. The beautiful large white clusters of bloom are borne profusely over the entire bush and are excellent for cut flowers. The plant is a good, strong grower, attaining a height of 6 to 8 feet. Price, 35c each; \$3.50 per dozen.

INDIAN CURRANT

Similar to the Snowberry, except that its fruits are red, and that the smaller red berries cluster in thick ropes along the weighed-down stems. These two companion plants should be in every collection of hardy shrubs. They are especially desirable as they thrive luxuriantly even in shady places where most other plants become shaggy and unsightly. Price, 35c each; \$3.50 per dozen.

WHITE AND PURPLE LILAC

An old-fashioned shrub which will never lose its popularity. Price, 30c each; \$3.00 per dozen.

ORNAMENTAL GRASSES

Beautiful for lawn and borders. Two leading varieties: *Eulalia Japonica* and *Zebrina Variegata*. Good strong clumps, 35c each.

RIBBON GRASS. Good strong clumps, 25c each; \$2.00 per dozen.

SNOWBERRY

This is one of our most valuable shrubs for its winter fruit. The large white berries are produced in clusters in late summer and hang on nearly the entire winter. The long growing habit makes it valuable for foundation planting, especially on north exposures and in shady locations. Price, 35c each; \$4.00 per dozen.



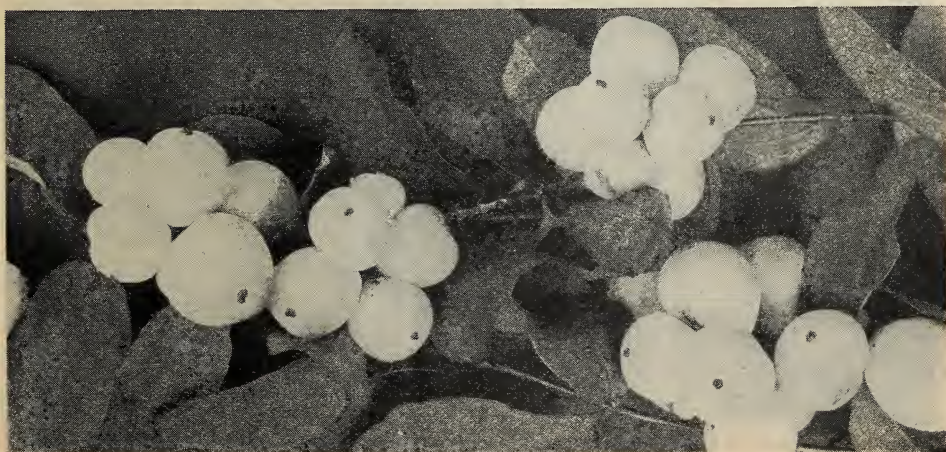
Spirea Van Houttei

YUCCA

A hardy evergreen plant with long, narrow leaves that are bright green the whole year. The flowers are creamy white, bell-shaped, produced on long spikes 3 to 4 feet high. Fine stately lawn plant. Good strong plants, 25c each; \$2.50 per dozen.

TAMARIX

AFRICAN TAMARIX. A beautiful, tall, loose-growing shrub with fine feathery foliage and producing an abundance of small purple flowers in May. Strong, thrifty grower, especially valuable where used to cover a bare wall-space of a building or when planted back of other lower-growing shrubbery. Price, 30c each; \$3.00 per dozen.



Snowberry



JAPANESE BARBERRY

BERBERIS THUNBERGII (Japanese Barberry). A most beautiful dwarf Barberry from Japan. Changing in autumn to beautiful tones of orange, scarlet, and crimson. Yellow flowers produced in early April, followed by red berries which are produced in great profusion and which last the entire winter. Leaves retained for a long time. Makes a most beautiful and conspicuous low-growing hedge, and one that is specially suited for making boundary lines. In the ever-changing habit of this variety of Barberry lies its great charm and beauty, as each day sees some new development. It is of low, dense, horizontal growth, graceful in all its branches. Price, hedge size, \$15.00 per 100. Large plants, 35c each; \$3.00 per dozen.

SCARFF'S BEAUTIFUL PRIVET HEDGE PLANTS

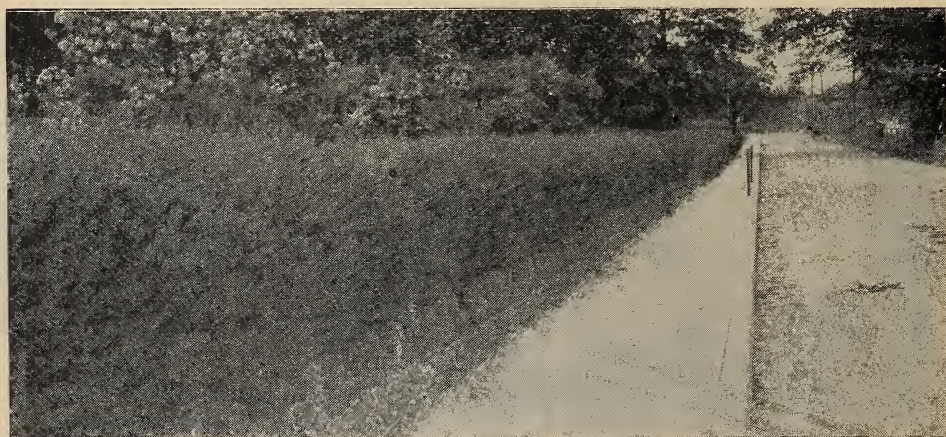
CALIFORNIA PRIVET HEDGE. One of the most beautiful plants for hedges in existence. There is no other hedge plant that will equal the California Privet for the purpose, becoming more beautiful each year. A quick, strong growing shrub, yet easy to control by use of shears or knife to any desired shape. Fine for hedges between the city lots, on large rural grounds, parks, cemeteries, in single clumps with other shrubs, also as screens to outbuildings, fences, etc. Very easy to grow on all soils, even in partial shade; almost evergreen, its rich, leathery, green foliage turns to purple in winter. Price, \$1.50 per doz., by mail, postpaid. Heavy plants, by express, \$6.00 per 100; \$50.00 per 1000. Medium grade, \$4.00 per 100; \$30 per 1000.

AMOR RIVER PRIVET HEDGE. Oblong, glossy green foliage, half evergreen; will grow to 15 feet if not trimmed and is absolutely hardy. \$2.00 per doz.; \$10.00 per 100.

IBOTA PRIVET. This perfectly hardy privet is popular on account of its spreading habit. The branches run horizontal from the main stem, then gracefully droop toward the ground. \$2.00 per doz.; \$10.00 per 100.

OTHER GOOD HEDGE PLANTS

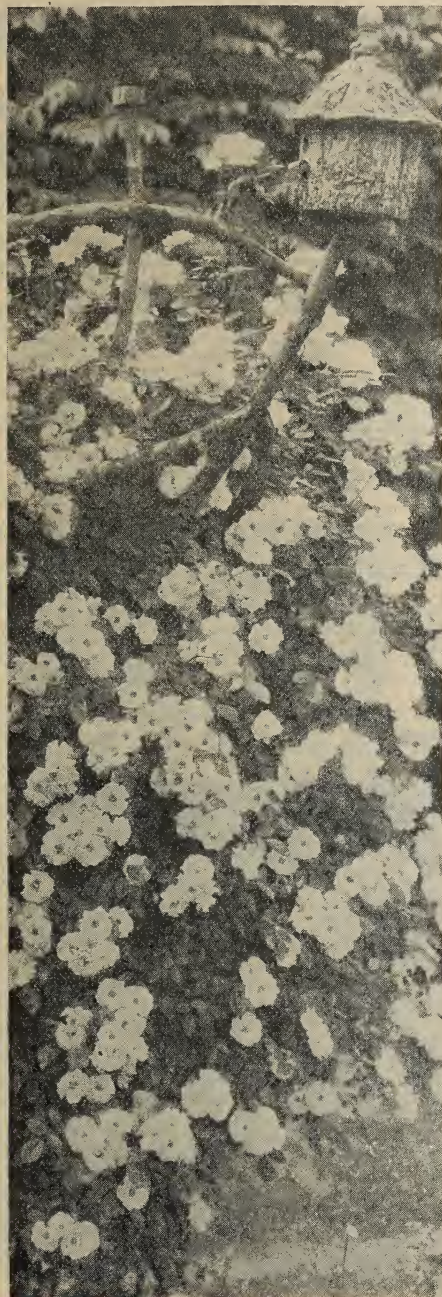
ALTHEA (Rose of Sharon)	\$3.00 per doz.,	\$20.00 per 100
BUSH HONEYSUCKLE	3.50 per doz.,	25.00 per 100
SPIREA VAN HOUTTEI	3.50 per doz.,	25.00 per 100
NORWAY SPRUCE, 8 to 10 inches	3.00 per doz.,	20.00 per 100
IRIS (Florentine)	2.00 per doz.,	10.00 per 100



California Privet Hedge.

ROSES

You can add beauty to the home with roses. Plant them on the porch trellis, plant them on the arch over the garden gate, on the fences and on the sides of the buildings. Our plants are all field-grown, blooming size.



DOROTHY PERKINS

CLIMBING ROSES

Price of Climbing Roses: 40c each; \$4.00 per dozen.

CRIMSON RAMBLER

One of the strongest growers of the climbing roses. Flowers produced in large, showy clusters. It is also very magnificent when trained to bush form.

DOROTHY PERKINS

The standard pink climber. Thrifty grower, hardy and very prolific; of clear shell pink, double roses in large clusters that are very lasting.

EXCELSA

This is a red form of the Dorothy Perkins and is considered one of the best of the red climbers. Flowers are a beautiful clear shade of red and produced in large clusters. Vines are hardy and free from disease.

AMERICAN PILLAR

Perhaps the most beautiful of the single climbing roses. Individual flowers are a beautiful carmine rose with white center and showy yellow stamens. Produces large clusters of bloom; the single flowers measuring from 2 to 4 inches in diameter.

CLIMBING AMERICAN BEAUTY

This is a climbing form of the popular bush American Beauty. Flowers are large, double, deep pink to crimson and are produced very profusely. The plant is a good grower and unusually free from mildew.

HARDY GARDEN ROSES

Price for Garden Roses: 50c each; \$6.00 per dozen.

FRAU KARL DRUSCHKI

This is a white form of the well-known American Beauty. The large, perfect roses are of purest white color and are the standard of comparison for Hardy Roses. In rose gardens they bloom profusely from June until autumn.

GEN. JACQUEMINOT

Bright crimson red. This is a general favorite in all rose gardens. Produces an abundance of rich, velvety blossoms throughout the summer. Highly prized by all who grow it.

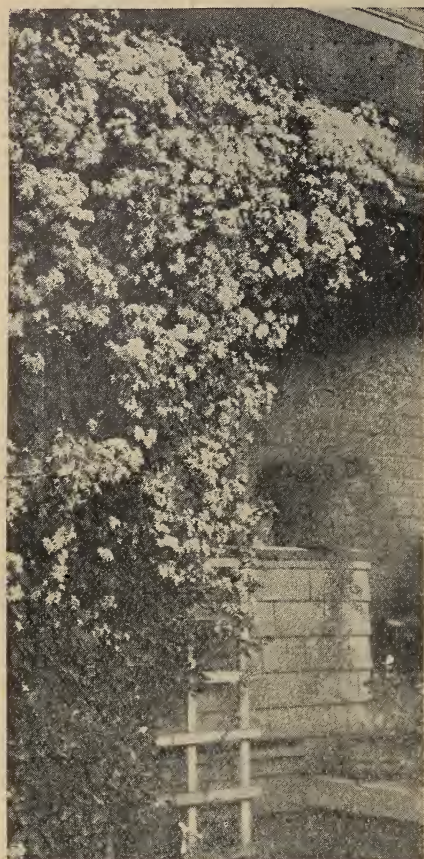
PAUL NERON

Clear, shining pink. One of the largest flowering roses grown. The immense cup-shaped flowers are produced on long, thornless stems. Exceedingly hardy and a good, thrifty grower.

BABY RAMBLER

A hardy, dwarf bushy type of the Crimson Rambler attaining a height of about 18 inches. Produces an abundance of flowers continually from early season until late in the fall. Excellent for bedding or to plant in front of taller roses or taller shrubs. Price, 50c each; \$6.00 per doz.

Hardy Ornamental Climbing Vines



Clematis Paniculata

BOSTON IVY. The most desirable Ivy for chimneys, brick and stone walls. Leaves are glossy green, clings tight to any surface and forms an even carpet of green. Price, 50c each; 5 for \$2.00.

VIRGINIA CREEPER. Five-leaved Ivy. One of the best for wooden surfaces, to cover fences, posts, etc. Strong grower, hardy and a good climber. Price, 25c each; \$2.00 per doz.

CHINESE MATRIMONY VINE. Strong growing woody vine producing small purple flowers in midsummer and numerous orange-red fruits in the fall. Price, 25c each; \$2.50 per dozen.

CLEMATIS PANICULATA (Virgin's Bower). The finest of the small-flowered Clematis. In midsummer the entire vine is clothed in a mass of white bloom, followed by numerous light feathery seeds which are attractive until late in the winter. The vine is thrifty, hardy and a strong grower, and is very beautiful when grown intermingled with Honeysuckle. Price, 35c each; \$3.50 per doz.

CLEMATIS (Large-Flowering). We can furnish these in assorted varieties. Price, 50c each.

CLIMBING EUONYMUS (Evergreen). A hardy evergreen vine, very strong grower and perfectly hardy. Produces small white flowers and orange-colored fruit similar to the bittersweet. The vine requires a little supporting on hard, smooth surfaces. Very desirable to use on chimneys, walls, lattice or wherever an evergreen vine is desired. Often used in window boxes and porch boxes to furnish color during the winter months. When kept trimmed it forms a compact, low, bushy shrub, very attractive around the porch or foundation. Strong one-year plants, 25c each; \$2.50 per doz.

HONEYSUCKLE (Sweet Scented). A well-known almost evergreen vine, highly desirable for its beautiful glossy green foliage and for its fragrant flowers which are produced over a long period during the summer and are followed by jet black fruit which remains on the vine most of the winter. Plant them along the garden fence, along the side of the lawn or on the porch lattice. You will be delighted with their fragrance. Price, 25c each; \$2.50 doz.

KUDZU VINE. A vine of rapid growth used for quick screen effect. Makes a growth of from 40 to 50 feet in a single season. Will quickly cover lattice, arbor, building or fence. Strong 2-year roots, 15c each; \$1.50 per doz.

TRUMPET FLOWER. From the old garden. Flowers perfect, trumpet-shaped, bright scarlet. A rapid grower; one of the finest vines for covering old stumps, fences, trellises, etc. Blooms almost continuously through the summer. Price, 25c each; \$2.50 per doz., postpaid.

PURPLE WISTARIA. 50c each; \$5.00 per doz.

CHINESE WHITE WISTARIA. Silvery white. Same price as Purple Wistaria.



Honeysuckle

Scarff's Superb Iris

The Iris is one of the easiest to grow of all the floral family. They will thrive year after year with perfect abandon and neglect. At the same time they respond quickly to good soil and clean culture. Give them plenty of water during the blooming period, after that little or no water, except the natural rainfall is needed. They are perfectly hardy anywhere and can be planted at almost any season of the year. Spring and fall, however, is the best season for planting. They bloom during May and June.

FLORENTINE

One of the earliest. Plant exceptionally thrifty and prolific in bloom. Leaves remain green most of the winter. Excellent for border plantings. Flowers large, rich violet-purple. Price, 20c each; \$2.00 per doz.

CELESTE

One of the finest varieties. Beautiful fragrant flowers, self-colored pale sky blue. Very profuse bloomer, tall habit. Price, 25c each; \$2.50 doz.

GOLD COIN

Deep golden yellow with falls of rosy purple. Low growing, medium early. Price, 20c each; \$2.00 per dozen.

SIBERIAN IRIS

Deepest blue. The most elegant and delicate of the Iris family. The foliage is narrow sword shape, beautiful green color. The flowers are clear deep blue and bloom in great profusion. A border of this variety or even a single clump commands the admiration and attention of everyone. No collection is complete without our beautiful strain of indigo-blue Siberian Iris. Price, 20c each; \$2.00 per doz.



Florentine Iris

GRACCHUS

Late, medium height. Stands yellow with falls of a light wine. Price, 20c each; \$2.00 per doz.

MME. CHEREAU

One of the best, strong and beautiful. White elegantly frilled with wide border of clear blue. Very fine. Price, 25c each; \$2.50 per doz.

OSSIAN

Canary yellow or straw color with light violet falls. Late blooming, medium height, strong, thrifty grower. Price, 25c each; \$2.50 per doz.

SANS SOUCI

An exceptionally fine variety. Medium tall, thrifty grower, late. Stands are a clear orange yellow, falls are a deep wine. Very beautiful and highly prized. Price, 25c each; \$2.50 per doz.

This collection of Iris is one of the finest and most satisfactory to plant and will give great returns in beauty and pleasure. All postpaid at price named.

GLADIOLUS

Perhaps no other flower has been developed more in the past few years than the Gladiolus. The long spikes of waxen blossoms are excellent for cut flowers and are highly prized for their abundance of color in the latter part of the summer after most other flowers are gone. Our stock comprises several of the finest varieties and we know they will more than please you.

Price, 10c each; 75c per doz.; \$5.00 per 100.

AMERICA

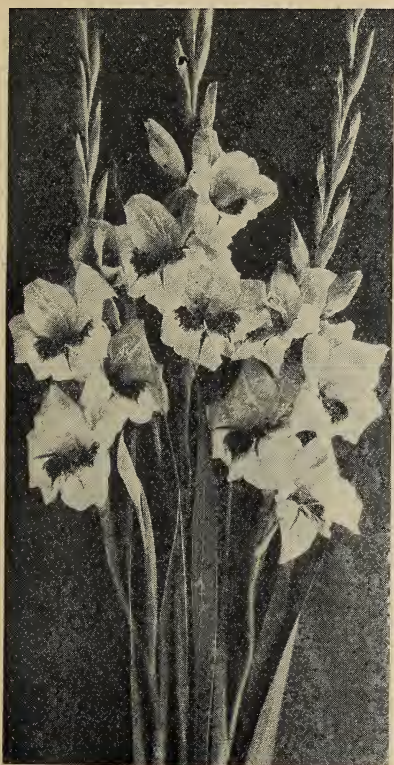
Large, soft lavender pink flowers, and a free bloomer. Truly a wonderful Gladiolus.

MRS. FRANK PENDLETON

White, overlaid with salmon pink, blood-red throat. One of the best.

PANAMA

Similar to America, but richer pink.



Mrs. Frank Pendleton



Peony

QUEEN OF PERENNIALS

FESTIVA MAXIMA. Very large, globular rose type. One of the largest white varieties, center flecked with crimson. Queen of all the peonies. Very tall, strong grower. Fine for cut flowers. Undoubtedly the most popular white in existence. Price, 50c each; \$5.00 per doz.

FRAGRANS. Dark pink, medium size, compact and tall; fragrant, strong, vigorous grower. Price, 50c each; \$5.00 per doz.

MADAME BUCQUET. Large, loose semi-rose type. Very dark crimson amaranth. Coloring very rich. Plant medium height, free bloomer. Very attractive. Midseason. Price, 75c

each; \$8.00 per doz.

DUPONT. Ivory white, center splashed with carmine. Very fragrant; tall and free bloomer. Price, 50c each; \$5.00 per doz.

MADAME CALOT. Flesh white tinted, fragrant; tall, strong grower, free bloomer. Early. Price 50c each; \$5.00 per doz.

MARIE LEMOINE. Large, pure white, compact rose type, fragrant, very late, medium height, extra strong stem. Fine for cut flowers. We believe the bloom of this variety is the most beautiful of all the whites. Price 75c each; \$7.50 per doz.

MESSONIER. A beautiful purplish red showing yellow stamens; medium sized, bomb shaped developing a crown with age. Very free bloomer. Tall, midseason. Price, 50c each; \$5.00 per doz.

MIXED VARIETIES. Pink and white. Price, strong divisions, 30c each; 4 for \$1.00.

Hardy Phlox

Price, strong plants, 35c each; \$3.00 per doz.

AUG REVERE. A fine scarlet.

BRIDESMAID. Beautiful white with red center. Free bloomed, strong, thrifty grower. One of the finest.

ECLAIREUR. Bright rose carmine with light halo. Quite adaptable to unfavorable conditions.

ESPERENCE. Lilac with white eye.

FUCHIA GEM. Purplish red.

INDEPENDENCE. White, large, early.

MRS. JENKINS. Produces large clusters of pure white flowers. Tall and free blooming.

NORDICA. Salmon red.

RHYNSTROM. A new pink variety. Flowers extra large. Thrifty grower.

SUNSET. Dark rosy pink. Large, free flowering and is undoubtedly the best of its color.

VERNON. Deep red.



Phlox



KUDZU PASTURE THREE MONTHS AFTER PLANTING

Kudzu is a legume that has been raised in Japan and other far eastern countries for hay and pasture for many centuries. It has been grown in this country since 1876, and was grown all over the North for twenty years before it was brought to Florida. It is grown now from Nova Scotia, Canada, to Miami, Florida. It requires no lime, no inoculation, and no fertilizer. It is perennial and once planted will last a lifetime. It is a sub-soil feeder; greatly enriches the land and is very drought resistant. It furnishes abundant pasture when all other pasture grasses and clovers are burned up. It is the one sure, never-failing crop with no insect pests and no diseases. It yields regularly, on poor soil, five tons or more of the most nutritious hay, which analyzes from 17 to 19½ per cent protein.

A good stand of Kudzu will carry over two head of stock per acre the entire season. It is greedily eaten by all kinds of livestock and poultry and they all thrive on it wonderfully. With a little corn it makes a well-balanced ration. Although to make high-producing cows produce to their fullest capacity some concentrates must be fed, in the ordinary dairy no feed not grown on the farm will be needed, and every dairyman knows that the feed dealers get most of the profits from the production of milk and very often they get more than the profit.

We have had Kudzu growing on our own place for at least six years and it is perfectly hardy and is the strongest grower of any vine we ever saw. From a single plant an area of fully 400 square feet is covered and all stock devour it greedily when they get to it.



PERPENDICULAR PASTURE OF CHEROKEE FARMS FOUR MONTHS FROM PLANTING

This picture gives a good view of what is called a perpendicular pasture. Fences of wire 8 feet or more high and 7 feet apart are built through the field. The Kudzu is planted along these fences. As these plants grow they cover the fences as shown in the pictures. The spaces between the fences may be seeded to rye, Hubam clover, or other pasture crops. You see in the picture how this may be done—the cows are shown feeding on the Kudzu, as on a garden of Lima Beans.

Read extracts from Rural New Yorker, December 21, 1921.

"As an ornamental vine it has been grown successfully as far north as Albany. We know that in that latitude it has endured the winter and made an enormous annual growth. On our own farm in Northern New Jersey this past season, spring-set roots made a growth of 40 feet or a little more before frost. The vines ran rapidly through masses of weeds and quack grass. We never had any plant on the place that grew so fast. All our stock were eager for the vines. By analysis the vines are richer in food value than Alfalfa. As for hardness, the leaves and green tips were killed at just about the same time as the vines of Lima Beans. The roots of our plants are everywhere all through the field, and we have every belief that they will live through the winter and be even more productive next season. The plant is a legume, and we know from this year's experience that it will thrive without lime on a soil mildly acid."

PLANTING. We believe best results are obtained by planting 1000 roots per acre. We furnish full planting and cultural directions with the roots.

Prices. Our prices are as follows: For selected two-year-old roots, \$1.50 per doz.; \$10.00 per 100, by express.

SOY BEANS

The Soy Bean is now recognized as one of the best paying farm crops. It is rapidly taking the place of wheat as it will make double the returns per acre when grown for either hay or seed. If grown for hay it will yield $1\frac{1}{2}$ to $2\frac{1}{2}$ tons per acre and it is equal in feeding value to the best of Clover or Alfalfa. When planted for grain the yield is 20 to 30 bushels per acre and if taken for feed the crop value is \$40.00 to \$50.00 per acre; besides, it is a legume and it is building up the soil just the same as clover and Alfalfa. It is also planted with corn, using three or four beans to each hill and put in the silo with the corn, or hogged down with wonderful results. The tonnage and yield of the corn crop is very materially increased and, strange to say, the corn yields even better with beans than where no beans are planted, as the Nitrogen on the roots of the beans is utilized by the growing corn for growth of stock and grain. The seed is comparatively cheap and should be planted in every corn field and on every idle acre on the farm.

USES—The seed of the Soy Bean is very rich in protein and oil, but containing no starch; as a feed it occupies the same place as cotton-seed meal and oil meal. In feeding experiments at different Experimental Stations, Soy Bean meal has given results equal to either oil meal or cottonseed meal and, in some instances, even better results have been experienced. These high protein concentrates are necessary in all successful stock feeding, especially so in milk production and in the feeding of immature animals. Growing the Soy Bean will enable the farmer and feeder to produce at least part of the required quantity at a moderate cost.

ITO SAN The Ito San is one of the oldest varieties of Soy Beans in common use today. It is a yellow-seeded variety of a branching type, grows 28 to 40 inches tall and ripens seed in 95 to 100 days. This variety, though not as high a yielder of seed nor as resistant to shattering as the Manchu, may be used for hogging-down with corn in latitudes similar to Northern Ohio. Though making a rather light tonnage, the Ito San is recommended for early hay by many. Price, peck, \$1.00; bushel, \$3.50.

MEDIUM GREEN A popular variety in many sections. The seed is medium size, green in color, and is a high yielder. The seed shatters in harvesting, and is better for hogging-down than for seed purposes. It makes an exceptionally uniform growth; has good foliage, which it holds up well to the time the seed is maturing, and it yields a splendid crop of seed. Price, peck, \$1.25; bushel, \$4.25.

MANCHU A promising variety that is making good wherever planted. It is one of the highest yielders of seed, grows erect from 36 to 48 inches tall and carries an abundance of foliage which it sheds almost perfectly when ripe. The Manchu has medium sized seed of a yellow color with a black or brown seed-scar. It matures in 100 to 105 days and is one of the most resistant varieties to shattering. It is unexcelled as a variety to plant with corn for hogging-down when corn of 100 to 120 days maturity is used. Price, peck, \$1.25; bushel, \$4.00.



150 of Our Hampshire Hogs Feeding on Soy Beans.

Hogs fatten and thrive on Soy Beans when planted alone or with corn for hogging-down. This bunch of Hampshire hogs, 150 in number, were bred and fed out by us and weigh about 200 pounds, and are now ready for market. Soy Beans are used largely by us in many ways in our feeding operations and we consider this one of the cheapest forms of protein we can supply.

MID-WEST (Hollybrook) The seed is small in size and of a yellow color. This variety has a branching tendency, growing 36 to 48 inches tall, ripening seed in 120 to 125 days, and is largely used for planting with corn for ensilage; also for hogging-down with corn when planted not too far north. Price, peck, \$1.00; bushel, \$3.50.

VIRGINIA A brown-seeded variety having a twining tendency, maturing in 125 to 135 days, adapting it only to southern parts of Ohio and similar latitudes and recommended for use with corn in Southern Ohio to those who desire a twining bean for ensilage. When grown alone the Virginia lodges and intertwines, making it difficult to harvest or cure. Price, peck, \$1.25; bushel, \$4.25.

Write for Special Spot Cash Price on Soy Beans when ready to buy and we will quote you lowest market price.

IMPORTANT—Be sure to inoculate all Soy Bean Seed. It will double your results. Easy to do. See page 32.

Northern Grown Alfalfa

The most valuable farm crop of the present time. It will yield greater returns for the labor expended than any other crop grown. Alfalfa nourishes the soil. The acreage devoted to Alfalfa has increased wonderfully in the past few years, and it appears that there will be an equally rapid increase throughout the Eastern and Central States during the coming years. Alfalfa is grown as easily as clover, and produces double the yield. It thrives on a very wide range of soils. Failure to grow Alfalfa successfully is often due to lack of knowledge of the plant rather than the soil conditions. Every farmer in the country should have a field of this profitable crop.

Alfalfa may be cut three to five times a year, and it will yield three to six tons of hay per acre. It is rich in protein, and has a feeding value equal to that of bran. It is the most enriching crop for the ground that we have. Once a good stand is secured it will generally last for eight or ten years.

Good profits come from its use as pasture for hogs.

Alfalfa is one of the most profitable farm crops for three reasons: The tonnage per acre which it produces, its value as a feeding crop, and its soil enriching properties. Alfalfa is no longer an experiment,

but it has been grown under greatly varying conditions of soil and climate.



Alfalfa Folder and sample seed mailed free of charge if interested and you wish to buy. Price, peck, \$4.00; \$15 per bu. (subject to market change).



Beef Cattle on Alfalfa Field.

TIMOTHY

"PINE TREE BRAND." "It stands alone." An extra pure re-cleaned brand of Timothy Seed at moderate cost. 99 1/2 % average purity test. The demand for high grade seed is increasing. Some retailers have made mistakes trying to secure trade by price instead of quality. The farmer has come to appreciate the economic value of high grade extra re-cleaned seed. It is gratifying to note the favor which "Pine Tree" Timothy has met throughout the entire grass growing country. Our Timothy Seed is the best you can buy at any price. Send for sample of our Timothy Seed and special description. Price (subject to market changes), peck, \$1.25; \$4.25 per bushel.

TIMOTHY AND ALSIKE MIXED.—We have a great bargain to offer in above mixture 18% Alsike and 82% Timothy. Just the right mixture for fine hay and pasture. While our stock lasts we are making the special low price of: Peck, \$1.25; \$4.25 per bushel of 45 pounds.

CRIMSON CLOVER

Brilliant scarlet-flowered annual; very productive and greedily eaten by cattle, remains green longer than the red variety, and is excellent for bee food. Largely used for green manuring, sown in August it may be plowed under the following June. Sow fifteen pounds per acre. Price, pk., \$3.25; \$12.50 per bushel.

ASK FOR SAMPLES AND SPECIAL PRICES ON CLOVER AND GRAIN SEED.

Grimm Alfalfa

THE GRIMM IN COMPARISON WITH COMMON ALFALFA

Specialist of the Experiment Station at Fort Collins, Colorado,

This photograph was furnished by Prof. Philo K. Blinn, Alfalfa showing typical Alfalfa plants grown under exactly the same conditions.



Grimm Alfalfa

Common Alfalfa

Hubam Clover

Valuable for feed, green manure, bee pasture, stock grazing, ensilage, seed, poultry and orchard. A general purpose plant that completes a two-year job in one. No other known plant equals it in real value. Our supply of seed is genuine, certified stock that you can depend upon. Do not let another day pass without placing your order. It is a chance of a lifetime to do good and at the same time make big money on your investment. Prices may advance.

Price, large pkt., 25c; lb., 85c; 5 lbs., \$3.00 postpaid. Peck, \$8.00; bushel, \$25.00.

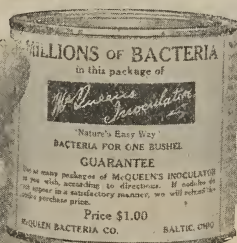
MOST IMPORTANT CONTRIBUTION IN A DECADE

"This clover is without doubt, one of the most important contributions in a decade. It seems likely to revolutionize the rotation system now used in the Corn Belt. The problem of getting organic matter and nitrogen back into the soil cheaply is one of the most serious with which we have to contend. The new annual clover promises to fill a long-felt want."—PROF. W. H. STEVENSON, Iowa State College.

SEND FOR OUR SPECIAL CIRCULAR ON HUBAM CLOVER, GIVING COMPLETE DESCRIPTION OF THIS VALUABLE NEW CROP.

"NATURE'S EASY WAY"

That Guarantee Protects You



NITROGEN FACTORIES FOR FIELD AND GARDEN

Inoculate your alfalfa, sweet clover, soy beans, red, alsike, mammoth clovers, vetch, peas, beans and all other legumes (pod bearing plants). McQueen's Inoculator insures a catch, hastens maturity, increases the crop, enriches the soil and means success with legumes. You can start a nitrogen factory on your farm by inoculating your legume seed with McQueen's Inoculator. An inoculated legume takes nitrogen from the air and stores it in the soil for future crops. Simple directions with each package.

PRICES

1/2 Bu. size treats	30 lbs. seed.....	\$.50
1 Bu. size treats	60 lbs. seed.....	1.00
6-1 Bu. sizes treat	360 lbs. seed.....	5.00
10-1 Bu. sizes treat	600 lbs. seed.....	7.50
GARDEN SIZE		.25

Combination for Peas, Sweet Peas, Garden and Lima Beans.

McQueen's Inoculator has an unequalled record of results.

McQueen's Inoculator is the hardest and most virile nitrogen fixing bacteria known.

That is because it is bred under nature's conditions, not in a laboratory under hot-house conditions.

It makes poor soil good and good soil rich.

McQueen's Inoculator will enable you to grow better crops than you've ever grown before in field and garden.

McQueen's Inoculator will cost you less per acre because it is sold on the bushel basis instead of by acre sizes.

When ordering state the kind of seed you wish to treat.

Do you want better legume crops than you ever had before?

Do you want to enrich your land so that it will produce better crops of any kind in the future, than it has done before?

Then inoculate your seed with McQueen's Inoculator this year.

Sweet clover, alfalfa, soy beans, red clover, vetch, Garden peas and beans and all other legumes need lots of nitrogen.

They can't thrive without it any more than human beings could without a proper amount of oxygen.

Treatment of the seed with McQueen's Inoculator is the cheapest and surest way of enabling them to get the nitrogen they so vitally need, in sufficient quantity to insure a maximum yield.

WHITE SWEET CLOVER



White Sweet Clover

Sweet clover will grow in any part of the United States. It will thrive on the poorest sandy soil where no other kind will grow. Within the last few years, only, has its worth been recognized. Sweet clover ranks first of all the clovers as a fertilizer. Live stock soon develop taste for it and prefer it to other hay. Sweet clover sown in spring on well prepared seed bed can be cut for hay the same fall. Can be pastured the next spring or cut just before it blossoms for hay and again at later date. It can be sown during August and early September and will yield a full crop of hay next May. Too much cannot be said in its favor and we especially urge our customers to give it a trial at least. It will be to your benefit. We have found its worth and do not hesitate to recommend it to you. Sow 15 to 20 lbs. per acre. Price, peck, \$3.00; \$10.50 per bushel hulled seed. Subject to market change.

YELLOW BLOSSOM SWEET CLOVER same price as white.

JAPANESE BUCKWHEAT

Is a "catch crop," easily grown between regular succession crops. Also valuable as a weed exterminator and green manure. Makes the genuine Buckwheat Flour. May be sown as late as September 1st. It can be sown with crimson clover to advantage. The buckwheat will die down and the crimson clover will come on and make a splendid spring crop. Price, 75c per pk., \$2.50 per bushel. 5 bushels or more, \$2.40 per bushel.

RED TOP

This is a valuable grass for either hay or pasture. May be sown either Spring or Fall. Grows slowly in the Spring but ripens with timothy. Does not die out. When once well started will spread and supplant other grasses. It, however, is not hard to destroy when it is necessary to plow land for other crops. It succeeds well in any soil and is particularly well adapted for low moist lands. Red Top Seed is sold both solid and in the chaff. Sow 8 to 10 lbs. per acre of solid seed. Price 30c per lb.

KENTUCKY BLUE GRASS

This fine bladed, rich, green, nourishing grass may be sown in the Spring or Fall. It grows most rapidly in cool weather but withstands the effects of the greatest heat. Kentucky Blue Grass does not grow as rapidly as some other grasses, but when once started makes the finest pasture. It is one of the best grasses for lawn mixtures and for other hay and pasture mixtures. On limestone soils the finest lawns can be started with Kentucky Blue Grass alone. Price, 35c per lb.

DWARF ESSEX RAPE

Dwarf Essex Rape is a pasture plant for all kinds of live stock—sheep, cattle, and swine; and is most valuable for fattening sheep. To provide an early pasture for sheep and swine, it should be sown early in spring. As it grows very rapidly, the pasture will be ready in five weeks from the time of sowing. Unlike other forage plants, rape can be sown at any time during spring and summer, so a good pasture may be had whenever it is needed. Dwarf Essex Rape will prepare sheep and hogs for market better and in less time than any other forage plant. It may be sown in corn when this is cultivated the last time. Good results are generally obtained for late fall pasture when Dwarf Essex Rape is sown after the spring grain has been harvested. When sown broadcast, 5 to 6 pounds may be sown per acre. Price, pound, postpaid, 25 cents; not prepaid, 10 lbs., \$1.50; 100 lbs. \$12.50. Subject to market change.



WINTER OR HAIRY VETCH

For soil improvement there is hardly any crop that fits in so well under all conditions as Winter Vetch. It is a heavy carrier of root tubercles and these increase more in cold weather on Vetch than any other legume. It will grow and enrich the soil during fall, winter and early spring.

ROSEN RYE AND VETCH MIXED FOR SEEDING—10% or more Hairy or Winter Vetch. Excellent for pasture, hay or soiling. Price, peck, \$1.00; bushel, \$3.00; 5 bushels or more, \$2.90 per bushel.

Fulghum Oats

This valuable new Oats has proven one of the highest yielding varieties grown. It is so early that it escapes the hot sun of midsummer and develops good, plump grains that test 38 to 40 pounds per bushel. We are fortunate to have a very large stock of Fulghum and we are making our price very low, so that it may be tested on every farm that our Catalogue reaches. It is the best variety of Oats for a catch crop for Alfalfa, Sweet Clover and other grass seed that is sown in the spring, as it ripens so early and is out of the way of the grass crop before any injury is done.



DESCRIPTION—The Fulghum is a strain of awnless red oats, matures very early and is the heaviest yielder of any variety we know. In a nine-year test at the Ohio State University the Fulghum outyielded the best of the thirteen varieties tested by 8 to 10 bushels per acre. The straw is stiff, much taller than the average and produces a long, well-filled head of plump, heavy grains. The Fulghum has the vitality and resistance to produce a good crop in dry and adverse seasons when other varieties are practically a failure.

Productiveness, probably more than any of its other good qualities, has contributed to the wide popularity it has attained. We have reports of crops of from 70 to 90 bushels to the acre, a yield that any other oat will find it hard to beat. They stood out splendidly, have large, full heads, fine plump grains and strong straw that stands about three feet high; the length of straw is well worth considering, if the oats are to be cut for hay. In the several years we have handled Fulghum oats we do not recall a single instance of their being winter killed.

Prices, Fulghum Oats, 40c pk.; \$1.25 bu.; 10 bu. or more, \$1.00 per bu. Extra large lots, special price.

FULGHUM YIELDS 6.4 BUSHELS MORE THAN ANY OTHER VARIETY IN FIVE-YEAR TEST AT THE OHIO STATE UNIVERSITY

W. N. Scarff & Sons, New Carlisle, Ohio.

Ohio, Dec. 5, 1922.

"Gentlemen—Fulghum Oats has been grown at Columbus for five years in comparison with numerous other varieties. Its average yield is 60.1 bushels per acre, which is 6.4 bushels per acre more than the next best variety.

"Fulghum has always produced a heavy, plump kernel which has a good test weight per bushel, even in seasons when other varieties are light and chaffy. Also better stands of Clover have been secured with Fulghum and other early varieties of Oats than with Wheat or late Oats. I think Fulghum is an excellent variety, especially for Central and Southern Ohio."

Very truly yours,

(Signed) J. B. PARK, Professor of Farm Crops.

FULGHUM YIELDS 10 BUSHELS MORE THAN ORDINARY WHITE OATS ON SAME FARM

W. N. Scarff & Sons.

I would say that the Fulghum Oats that I sowed on my farm produced ten bushels to the acre more than the ordinary White Oats did, which I sowed the same year.

R. C. PARK.

Urbana, Ohio.

FULGHUM OATS TESTIMONIALS FROM OUR OWN COUNTY

There was more Fulghum Oats sown in our own county last year than any other variety. The season was extremely dry and ordinary Oats was practically a failure. What small yield we had was very light and of little value for feed. Fulghum in every case made good yield of heavy merchantable oats. We think there is no other variety grown that will equal it.

"FULGHUM A GOOD VARIETY." I sowed five acres of Fulghum Oats. They yielded 40 bushels per acre and weighed 34 lbs. per bushel. I also sowed some late oats, but they did not yield as good and were very light. Fulghum Oats are a good variety for this locality.

"BETTER THAN OTHER OATS." Found the Fulghum Oats a much better variety than other Oats and yielded us 44 bushels to the acre.

"HEAVIEST OATS THRESHED." The thresher said they were the heaviest he had threshed this year. He gets over a good part of the township and ours was the last job. We expect to sow about 10 acres this year.

"VERY EXCELLENT VARIETY." When the Oats were growing there was a very marked difference in the Fulghum Oats. They were much larger, and better color, and much freer from weeds. They appeared to be a very excellent variety.

"BEST OATS THRESHED THIS YEAR." We were well pleased with the Fulghum Oats purchased from you. We had a good yield of extra heavy Oats and according to the thresher they were the best Oats threshed this year. We are planning on a larger acreage of Fulghum Oats this next year.

"TESTED 34 POUNDS PER BUSHEL." In regard to the Fulghum Oats, I think very well of the Fulghum Oats. I did not get mine sowed thick enough, but at that I got 40 bushels per acre and the quality was very good—much better than the common varieties in the neighborhood. They are clean and will test 34.

"WILL SOW ALL FULGHUM IN 1924." We were very well pleased with the crop of Fulghum Oats from seed purchased of you last spring. While the yield, about 50 bushels per acre, was not large, the quality was very good, far superior to any white Oats we bought this year. We expect to sow a large acreage next spring—all Fulghum—as we find them a very excellent Oats for feeding, grinding well.

(Signed) V. A. STOCKSTILL, Clark County, Ohio.

"42 BUSHELS PER ACRE." The Fulghum Oats I purchased from you last spring produced 42 bushels per acre. This is not a very big yield for Oats, but when you consider this has been the driest growing season for years, and other varieties of Oats only yielded 21 to 28 bushels per acre in this locality, it surely speaks well for Fulghum.

(Signed) CHAS. H. SCHNEIDER, Clark County, Ohio.

Prices Fulghum Oats, peck, 40c; bushel, \$1.25; 10 bushels or more, \$1.00 per bu. Special prices for extra large lots.



REGENERATED SWEDISH SELECT OATS

The grains are large, plump and thick with good, long, well-filled heads. The plant makes a good growth and develops a splendid root system. It is among the earliest to ripen and succeeds throughout the entire country. Price, 40c per pk.; \$1.25 per bu.; 10 bu. or over at \$1.00 per bu.

SIBERIAN OATS

The Siberian is valuable for its hardness and strong growth of straw and well developed grains. It stools well and seldom lodges. It has always made a good showing when planted along by the side of other varieties. Price, 40c per pk.; \$1.00 per bu.; 10 bu. or more 90c per bu.; 20 bu. or more, 85c bu.

CHEROKEE CLOVER

This new Clover is one of the best soil improvers known to the farming world. It will grow on acid soils where other legumes fail. It improves the land when inoculated and furnishes all kinds of live stock with excellent pasture and makes a wonderful yield of hay. When once established it springs up on the land without further reseeding and without further care or worry. It should be sown on every farm. The supply of seed is limited. Test packages, 10c each; larger packets, 25c each by mail, postpaid.

NOTE—Special Circular of Cherokee Clover mailed upon request.

MEDIUM RED, MAMMOTH AND ALSIKE CLOVER

We have in stock a very fine lot of seed of above varieties all American grown and first class in every way. As the market is changing almost daily on these we will be glad to submit samples and quote you a spot cash price at any time. Let us know the approximate quantity you can use.

BEARDLESS BARLEY

This is a great stock food and fat producer. Is best egg-producing food known. Sow early as possible in spring. Straw about the height of common barley, but is stiffer, and will stand up on any land. With good land and season it has produced 80 bushels per acre. Sow as early as you can; frost does not hurt it. Many will not grow barley on account of the long, harsh beards which are so disagreeable in threshing, although it is a profitable crop. This is beardless and easy to grow and handle as oats. It has hulls like the Manshury or any other variety, and is a heavy cropper, yielding 50 to 75 bushels per acre, and the quality is excellent, both for maturing and for feeding hogs and other stock. Try it for your poultry. Price, 75c per pk.; \$2.50 per bu.

Wisconsin Pedigreed Spring Barley

The best of the bearded spring varieties of Barley. It has won more prizes than all other varieties combined. The average yield in Wisconsin for the last five years has been 36½ bushels. It has a plump grain, stiff straw, large, well-filled heads. It has won prizes at all International Shows of recent years.

The following are reasons why "Wisconsin Pedigreed Barley" is of such great value:

First—It outyields all others. The average yield in Wisconsin for 5 years was 22 per cent above the yield of all other barley. Many yields of 50 bushels per acre and over have been reported and some as high as 75 bushels.

Second—Plumpness of Grain. All who have grown it notice the unusually plump kernels.

Third—Stiffness of Straw. Stands up better than Oderbrucker or Mandschuerei.

Fourth—Vigor of Growth. Taller than any other barley. We have measured plants five feet high.

Fifth—Uniformity. All the kernels are alike, an important matter with barley.

Sixth—Perfect Development. Heads are more completely filled out than with any other variety.

Seventh—Large Heads. Many speak of the unusually long, large heads. Price, 50c per pk.; \$1.50 per bu.

Nurse Crop for Alfalfa

The Spring Barley, including Beardless, White Hullless



and Wisconsin Pedigreed, all make finest nurse crops to sow in spring with Alfalfa. They are harvested early and thus give Alfalfa a fine chance to grow after harvest.

WHITE HULLESS BARLEY

No Beards or Hulls. Great for Feed. White Hullless is different from any other barley. The grain looks like wheat. It is almost as heavy as wheat, equal to wheat in feeding value, and will yield nearly twice as much. It succeeds in all barley growing regions, and also in sections where common barley is not grown at all. It is very early, thus making a splendid nurse crop for seeding with clover; it is entirely beardless, with soft straw, splendid for feed. Many farmers cut it for a hay crop. It yields as high as 60 bushels per acre, and is specially fine for poultry and for grinding for hogs. Price, \$1.00 per pk.; \$3.00 per bu. of 48 lbs.

SPLETZ OR EMMER

THE GREAT RUSSIAN GRAIN

Every farmer ought to sow some speltz. It makes a splendid feed and lots of it. It usually averages over one-third more bushels per acre than barley. Note the following points:

First. It is perfectly hardy and can be sown anywhere.

Second. It yields more bushels per acre than either oats or barley.

Third. It is specially adapted to dry regions and to localities that are subject to hot, dry summers, as it withstands drouth.

Fourth. It has such a very stiff straw that it stands up when oats and barley lodge.

Fifth. It makes a well balanced feed for horses, cattle or hogs, as the large hull gives it the lightness of oats, while the double kernel furnishes a rich meal much like ground rye feed. Prof. Wilson, of the S. D. Ex. Station, in a careful experiment with feeding calves, found Speltz worth 40 per cent more than corn.

Sow the same as barley or oats about 100 pounds or 2½ bushels per acre. It ripens about with oats. Price, 75c per peck; \$2.25 per bushel.



CARFF'S CASH CORN THE BEST FEEDING CORN GROWN

WE ARE FEEDING CASH CORN TO 300 HEAD OF CATTLE AND 500 HEAD OF HOGS THIS WINTER OF 1923-24

We are annually feeding on our farms 300 to 350 head of stock cattle, and we can almost see them put on flesh when feeding Cash Corn. The cob is so small that they eat it greedily, and it is not necessary to shell or cut the ears for them. Our elevators and cattle feeders will pay 5 cents per bushel more for Cash Corn than for the ordinary corn that is generally grown by farmers.

62 pounds of shelled corn per bushel, 70 pounds of ears—only 8 pounds of cobs.

IT'S ALL CORN

Early to mature and a yielder of finest ears. Matures any place in the United States.

It is a new, deep grained, yellow corn, with the smallest cob of any yellow variety known. The ear is large, well filled at butt and tip ends, with beautifully formed deep grains. This corn is beyond doubt the best feeding corn in existence. Matures in about 100 days. Shells easily as early as September. It certainly is the ideal corn. Everyone who sees it will buy it for seed.

It is with a great deal of pride and satisfaction that we offer this valuable corn to our customers. We have grown it on our farms for about ten years, and by careful selection we have it as near perfect as any corn we have ever tried. In fact, everyone who sees it at once recognizes it as the ideal corn. Your money back if the seed is not satisfactory. That's fair. Try it. These combined. It is not a show corn as it the deep grains and small cob. Of all our a single objection to it. It is praised by

We perhaps sell more Cash Seed Corn than all other varieties combined. That is, it varies in color and sometimes shape of ears, but always retains the deep greens and small cob. Our customers to whom we have sold Cash Corn we have never had a single objection to it. It is praised by all as the finest feeding corn they ever grew.

As a special favor we ask you to try one field of this corn for your own feeding. It will surprise you how much corn it will yield and the excellent quality.

Price, \$1.25 per pk.; \$4.00 per bu. Sample ear, 50c,
postpaid. Per quart. postpaid. 50c.

REID'S YELLOW DENT

OUR PRIZE WINNING STRAIN

This variety has won more prizes than all other yellow varieties combined. It is bred to win. If you are interested in high-bred corn of prize-winning strain, plant Reid's Yellow Dent.

Our Prize Winning Strain of Reid's Yellow Dent holds the same relation to the yellow varieties as Johnson County holds the white varieties; both are prize winners. In the class of yellow corn, Reid's Yellow Dent always carries away the prizes. It is bred to conform with the score card better than any other yellow variety, and makes an almost perfect ear, which is exceedingly well set both ends of the ear. Strains are bred and single cobs close together on the cob in very straight and well-defined rows.

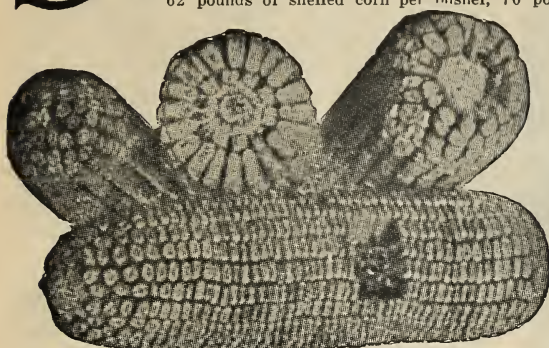
Our seed stock was procured from the Illinois grower who won the prize in his state for best ten ears Yellow Corn at the 1910 Illinois State Corn Show. We purchased our seed stock direct from him, buying the very best that he could furnish. We have acclimated it here on our Ohio seed farms, and it can be safely planted any place in the corn-growing states. Matures in about 110 days.

Our crop of this prize-winning strain of yellow corn is as fine as can be grown, and the seed stock well matured, and carefully selected. Growers will make no mistake in sending us their orders, no matter whether they grow corn for the corn shows, or for market, or for feeding purposes. This variety is one of the most popular of the yellow sorts. A heavy yielder of splendid specimen ears. A crib or load of 100 bushels will weigh 12,000 lbs. and please note the growth as well as swells his bank's account. A very heavy yield—90 to 100 bushels per acre on good soil. 1 fine ear, 50c, post-paid; \$1.25 per pk.; \$4.00 per bu.

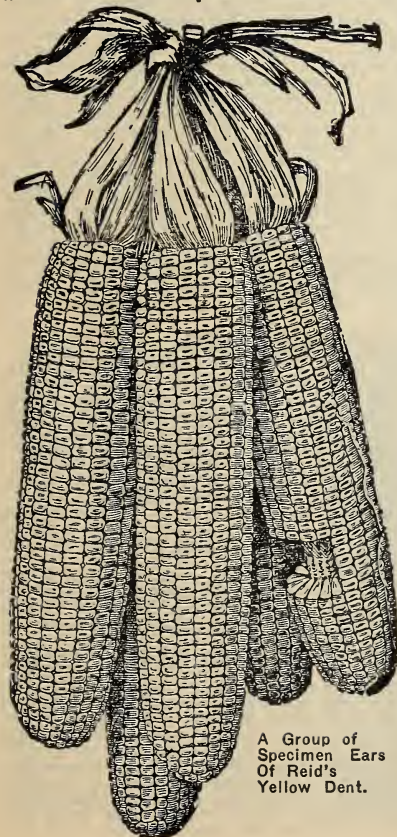
Our strain of Reid's Yellow Dent is the best, and you make no mistake in placing your order with us.

WHITE CAP YELLOW DENT

Comprises more good points than any other variety ever grown, being suitable to all climates and soils... it matures in 90 to 100 days, commands the highest market price, and taking in all points of merit, is the best field corn grown to-day. As the name implies, it is a white cap corn—not a white corn, but yellow kernels with a small cob, with moderately deep grains filled out to the very ends. Price, \$1.25 per pk.; \$4.00 per bushel.

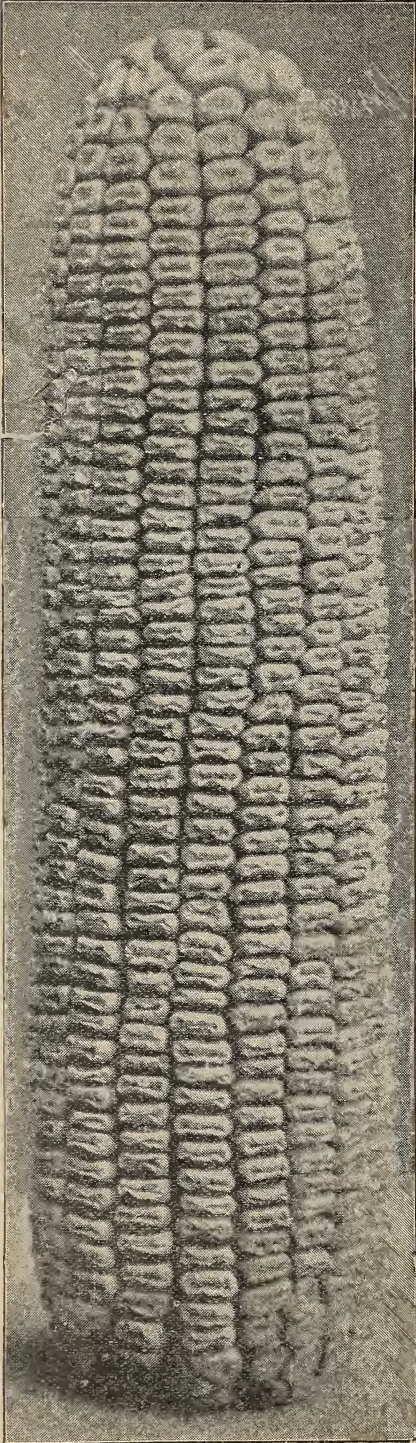


Specimen Ears of Cash Corn.
Note Deep Grain and Small Cob. Will Mature in
95 to 100 Days.



A Group of
Specimen Ears
Of Reid's
Yellow Dent.

Woodburn Golden Yellow Dent



Woodburn Golden Yellow Dent

134.31 BUSHELS CORN PER ACRE, MEN'S 10-ACRE CONTEST 1922.

This crop was grown by Mr. Gilmore, Licking County, Ohio. This is the highest yield on record reported in these contests. It was planted four grains in each hill and 33 inches by 36 inches apart. It was grown on clover sod with plenty of fertilizer and manure. This is, perhaps, the highest yield of corn ever grown on ten acres with 20 per cent moisture basis. This variety has become a general favorite wherever planted. We secured our seed stock direct from Mr. Woodburn soon after it was introduced and we have a very fine lot of well-selected seed. If you wish to get a start of this very valuable variety we will be glad to have your order while our supply lasts.

A deep-grain, yellow variety of merit. It originated in Champaign County, Ohio, and it has figured prominently in many County and State Corn Shows, scoring in points of ear perfections as well as for high yields. It ripens about same season as Leaming. Ears large, well filled with deep grains.

The Woodburn Corn is on every show table and has taken many prizes, besides it is wonderfully prolific, making some high records in Central Ohio. It is used largely by Boys' Corn Clubs and 10-acre plots. One field planted to this variety will be a good investment. Price, \$1.25 per pk.; \$4.00 per bu.

MAMMOTH YELLOW EARLY DENT THE LARGEST YELLOW CORN GROWN—MATURES 100 DAYS—LARGER THAN REID'S YELLOW DENT

We cannot say too much in favor of this variety of corn. It is the largest early corn we have ever grown. It ripens at least ten days earlier than Reid's Yellow Dent and yields equally as much, if not more, than this standard sort. The fodder is very strong in growth and makes great tonnage. For several years we have used this variety for filling some of our silos, as we can begin at least two weeks earlier than with regular ensilage varieties. A 20-acre field planted June 1st made a yield of 100 bushels per acre of good, sound corn. The ears are large, averaging 11 inches in length with 18 to 20 rows to the ear. The grains are deep, broad, and cover the cob well at each end. It has great vitality, germinates quickly and makes rapid growth. It has a good root system bracing the stalk well so that it seldom goes down. This variety embraces so many good qualities that we are sure it will be a general favorite when better known. It is a sure cropper and a heavy yielder and can be depended upon for the main crop and can be used for cribbing, silo, feeding from shock or hogging down. We have so much confidence in this variety that we are over anxious for you to try it. It will do all we say and more, if season, soil and culture are favorable. Price, \$1.25 per pk.; \$4.00 per bu.

LEAMING

The Leaming is the oldest distinct variety of corn, having been originated in 1826. Our own Standard strain is one that gives universal satisfaction over the entire Corn Belt. 100 bushels per acre is not an uncommon yield. The color is deep, rich, golden-yellow; ears very uniform and of medium to large size, well filled at butt and tip ends. Grains are deep, broad and tapering, well set on the cob. Length of ears 8 to 11 inches, $7\frac{1}{2}$ to 8 inches in circumference, weighing 12 to 17 ounces each. Each ear has 16 to 24 rows of kernels, with but little space between rows. This is an all-around feeding corn that puts on fat, and the kind that fills your cribs each season.

"No matter who you are or where you live, if you handle live stock and raise all or part of the corn you feed, you can materially increase your profits by growing our Standard Leaming." Price, \$1.25 pk.; \$4.00 bu.

RED RIVER, OR RED 90-DAY CORN

When planted early in season, it matures fully three weeks ahead of the main crop and makes early feed for the hogs and dairy cows. It makes a good yield of fair-sized, sound ears. In an average season it is reasonable to expect a yield of 75 to 80 bushels per acre. The fodder is medium height, plenty of blades and stands well, having a good system of brace roots. If you want some early corn to mature, then try some of this 90-day corn and be convinced of its merits. Good sound seed stock. Price, \$1.25 per pk.; \$4.00 per bu.

Johnson County White

THE GREATEST SHOW CORN IN THE WORLD. This variety has taken more prizes than all other varieties combined. This is the corn for which we paid \$350.00 for 10 ears at the National Corn Show, at Columbus, Ohio. A single ear of this variety has won \$1,000.00 in prizes; and during the National Corn Shows at Chicago, Omaha, and Columbus, this variety has won approximately \$15,000.00 in prizes. It has been bred for a long term of years by the most careful corn breeders and has fixed a type of corn that conforms so closely to score card that few others have much chance of being winners. It breeds true to type, so that Show Corn is the rule rather than the exception. To those wishing to compete for prizes at the fairs and corn shows we would strongly advise planting this variety.

OVER 100 BUSHELS PER ACRE

The Johnson County White Corn you sent me grew ears measuring 10 inches long. I have some good corn of my own, but I can say the Johnson County White is the best I ever saw, etc.

RUFUS H. HARRISON, Maryland.



Ten Ears of Prize Winning Johnson County White.
These Ten Ears Cost Us \$350.00.

The ears are cylindrical in shape, slightly tapering at the end, well filled out at both butt and tip ends, straight rows with grains close together. Corn pure white and cob same color. The ears run from 10 to 11 inches in length and about 8 inches in circumference. The stalks make a good vigorous growth, well braced with a good system of brace roots, capable of withstanding severe wind storms, as well as drought. The strain we are growing is thoroughly acclimated to our latitude, and is perfectly safe to plant in all corn growing sections except the extreme North, where only very early sorts can be grown. The ears are very uniform and large size, with deep grains, and will yield 100 to 135 bushels per acre. It is a variety very rich in protein, hence valuable for feeding purposes, also valuable for silo, as it makes as much fodder as the regular ensilage corn and so much larger proportion of ears, hence a much richer ensilage.

Price, \$1.25 per peck; \$4.00 per bushel.

IMPROVED EARLY MASTADON

Will yield 100 bushels per acre on good ground and right tillage. The ears are large and well filled with deep grains that cover both tip and butt ends of the cob. It matures early and is out of the way for early seeding. This is no light yielder as are so many of the early varieties, but one of the heaviest, and if you want good, sound corn, and lots of it, then plant one field at least with our strain of Improved Early Mastadon.

It originated with the same grower as Drought Proof. The ears show two shades of color, white cap and yellow grain, although not so pronounced as the White Cap. It is valuable for main crop when a large ear and early maturity are essential. It is also very valuable for feeding stock, as the grain is not so hard as some other kinds; besides it shells a large percentage of corn from a bushel of ears. It can be planted late and still be in time to mature a crop. It is a cross between White Cap and Yellow Dent. We have an extra fine strain of seed that has been carefully selected for size of ears and early maturity for many years. Price, \$1.25 per peck; \$4.00 per bushel.

BLUE CLARAGE

Sometimes called Rotten Clarage. Heavy yielder of good solid ears. Matures early. This variety has been a general favorite in many sections and is preferred by many stock feeders. If you have not grown this variety it will pay you to give it a fair trial at least. We have an exceptionally heavy yielding strain. Price, \$1.25 per pk.; \$4.00 per bu.

YELLOW CLARAGE

A general favorite in North and Central Ohio, where it seems to excel all other varieties. The ears are short, cylindrical, well filled with plump, broad grains. Medium early, with few small ears or nubbins. Our stock is from prize-winning strains and pure. We recommend it to corn growers in general, as it is well worthy of trial. A favorite at Ohio Experiment Station. Price, \$1.25 per peck; \$4.00 per bushel.



Blue Clarage.



SCARFF'S ENSILAGE CORN

A GOOD WELL FILLED SILO MEANS FARM INSURANCE

The Silo is a fixture on the farm and has come to stay. No matter whether you feed for milk or for beef you must have a silo. It is past the experimental stage. It is actual insurance for the farmer and is the best insurance policy he can hold. It insures against drought and short pasture in the latter part of the season and if your pasture burns up a well-filled silo will keep up the milk supply equal to the finest grass and put on pounds of beef equally as well.

The next important thing to consider is, "the best ensilage corn to fill the silo." You want first to plant a variety of corn that will make a great tonnage. You want also to plant a variety that will ripen sufficiently to make good ensilage with plenty of body to it. You also want a variety that furnishes an abundance of grain so it is rich and will put on pounds if needed for that purpose or both the dairy cow in good flesh and at the same time keep up a good flow of milk. We have selected a number of varieties that will give splendid satisfaction.

CONNERS PROLIFIC ENSILAGE CORN

YIELDS TWO TO SIX EARS ON EACH STALK

The wonderful new variety of corn that has startled the corn growing people throughout the entire Corn Belt, 150 bushels per acre being no uncommon yield. Investigated and endorsed by the Agricultural press.

DESCRIPTION. The color of the grain is white, the average length of the ears is 8½ inches, and each stalk bears from 2 to 6 ears. The stalks range in height from 12 to 14 feet, according to season and fertility of the soil.

YIELD. The seed from which our stock is being sold yielded 150 bushels of corn to the acre, and no fertilizer of any kind was applied to the land.

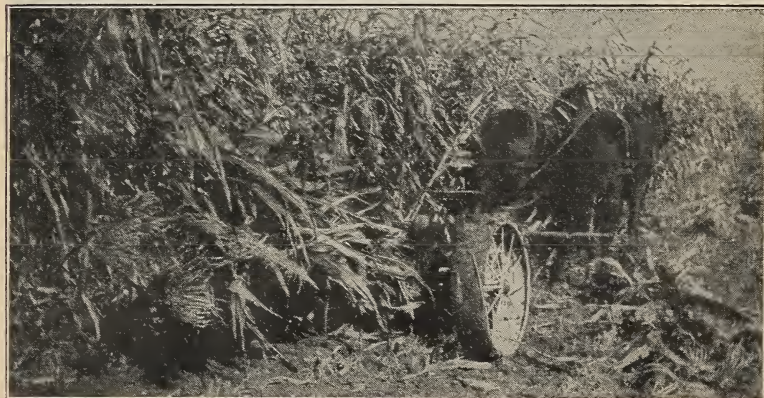
In every test the yield of the new variety has been at least twice that of the old standard varieties of the Corn Belt. There is no reason why the yield will not reach 200 bushels per acre with proper development. Six ears to the stalk are not uncommon, and only in a few cases will it yield less than two to the stalk. Three and four ears is the general run.

A WONDERFUL CORN FOR THE SILO. Beyond doubt this is the best ensilage corn that can be planted if rich ensilage is desired, as there are so many ears on each stalk. Also a great tonnage.

PRICE OF CONNERS CORN. Sample packets, 15c; quart, 60c, parcel post, prepaid. By freight or express, not prepaid, peck, \$1.25; bushel, \$4.00. Shelled only.

EUREKA ENSILAGE

This is a favorite ensilage corn with many growers, as it produces an extra large tonnage, as much as 20 tons per acre. The stalks are large, with plenty of blades, and a good proportion of grain. Many stalks produce two sized ears. Price, peck, \$1.25; \$4.00 per bushel.



A Field of Connors Prolific, 14 Ft. High.

JOHNSON COUNTY WHITE ENSILAGE

Farmers everywhere are realizing the great value of our ensilage strain that we are furnishing and it becomes more popular each year. The amount of tonnage that this corn produces per acre is really marvelous. See page 39 for full description of this great corn. Price, peck, \$1.25; bu., \$4.00. Shelled or ear.

We also recommend for an ensilage rich in grain Mammoth Yellow, Reid's Yellow Dent and Red River.

Novelty Fruit Collection

Different from ordinary fruits, and should be planted by everyone loving rare specimens. They are of but little value for commercial purposes. Plant in a small way only as Novelties and they will surprise and well repay you.

Strawberry-Raspberry Valuable for the extreme North, as the fruit is borne on the young growth, and is of course hardy in any climate. This is an entirely new fruit, both in habit of growth and form of fruit. Bushes grow 1 to 3 feet high, and are covered with red berries in the shape of strawberries. They are upright in manner of growing. Perfectly hardy, bound to become a valuable addition in the fruit line. It is very productive and a distinct novelty in small fruits. Price, 15 cents each; \$1.50 per dozen, postpaid.

Japanese Wineberry Ornamental both in fruit and plant. Canes covered with purplish red hairs. Fruits in large clusters and each berry at first tightly enveloped by the large calyx, forming a sort of burr, which is covered with purplish-red hairs. These gradually open and turn back, exposing beautiful wine-colored fruit of medium size, rich sub-acid, retaining flavor when cooked; highly esteemed for canning, preserves, jellies, etc. Price, 25 cents each; \$2.50 per dozen, postpaid.

Improved Dwarf Juneberry A good substitute for the large or swamp huckleberry, or whortleberry, which it resembles in appearance and quality. The fruit is borne in clusters, and is reddish-purple in color, changing to a bluish-black. In flavor it is mild, rich sub-acid; excellent as a dessert fruit or canned. The bushes are extremely hardy, enduring the cold of the far North and heat of summer without injury. When this fruit becomes better known to the public it will be very popular. It is much larger and better flavored than the Wild Juneberries. Price, 25 cents each; \$2.50 per dozen.

Himalaya Berry A new freak in horticulture which has caused a great furore among fruit growers. Extravagant claims were made for it by the introducer, but with us it is a failure. We have genuine plants from the introducer and if you want to try it we will be glad to furnish you the plants, but if you expect any great thing from the Himalaya, then we say go slow. Price, 20 cents each, \$2.00 per dozen, postpaid.

The Loganberry A hybrid between the Raspberry and the Blackberry. The fruit is as large as the largest Blackberry, and is produced in immense clusters. The color is a clear, dark red. It partakes of the flavor of both the Blackberry and the Raspberry—mild, pleasant, vinous flavor, delicious and peculiar to this berry alone. Seeds small, soft and few. Berries very firm, and carry well. Strong grower; enormous bearer. Fruit ripens early, just after strawberries. Not hardy north of 40th parallel without protection. Price, 50 cents each; \$5.00 per dozen, by mail, prepaid.

Huckleberry Many persons prize the fruit of the Huckleberry above any other for pies, and they can be grown successfully in most parts of the U. S. They love a cool moist soil, partially shaded, as they grow wild under such conditions. Price, 25 cents each; \$2.50 per dozen.

Elderberry This valuable fruit is becoming more popular each year. The fruit is fine for pies and to can for winter use. They may be planted anywhere about the yard, garden or field. The bush is highly ornamental and attractive when in bloom, and equally so when it is bending down with luscious fruit in early autumn. Price, 30 cents each; \$3.00 per dozen.

Colchicum This is one of the wonders of the floral kingdom. The bulbs are ready for distribution about July 10th. Without water or soil they will burst into bloom in about ten days and continue blooming for several weeks sending out bloom after bloom in rapid succession.

Simply place the bulb in a dish, bowl, saucer, or on the table or window sill in a little light and watch its beauty unfold. As the blooms fade and drop, cut them off and others will follow in quick succession, each bulb producing from six to fifteen flowers.

When the blooming has ceased, the bulbs may be potted or planted in the open garden or lawn, where the following spring they will develop a beautiful, broad, deep-colored foliage.

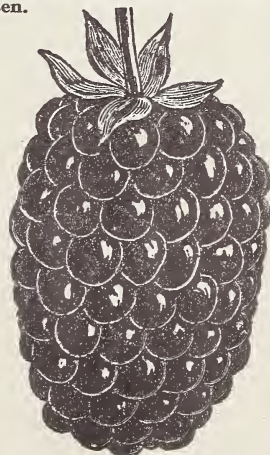
Place your order at once for as many bulbs as you want and they will be sent you as soon as the bulbs have developed properly for best results. Price, one bulb, postage paid, 30 cents; four bulbs, postage paid, \$1.00.



Strawberry-Raspb



Japanese Wineberry.



Loganberry.

SNYDER

MERSERAU

WARD

BLOWER

ELDORADO

EARLY
HARVEST

BIG LUSCIOUS BLACKBERRIES

12 PLANTS EACH VARIETY \$7.00 6 PLANTS EACH VARIETY \$4.00 1 PLANT EACH \$1.00 POSTPAID.

The Scarff
Raspberry
Produces
Great
Crops

PRICE \$1.00 PER DOZ., \$4.00 PER 100.